

Bulletin 1966-67

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# ACCREDITATIONS AND MEMBERSHIPS

Mississippi State Department of Education

Southern Association of Colleges and Secondary Schools

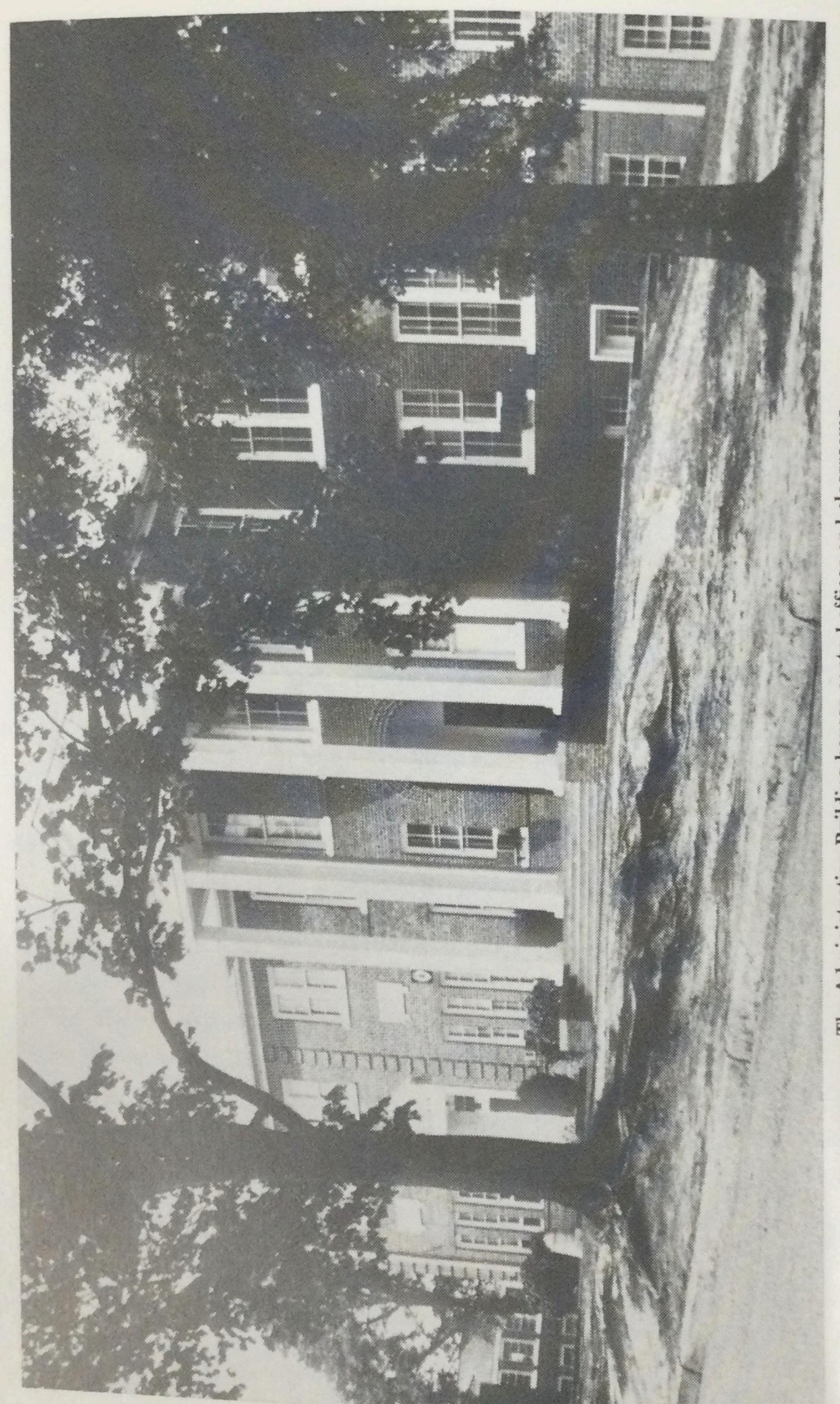
Mississippi Junior College Literary and Athletic Association

American Association of Junior Colleges

Mississippi Association of Colleges

Note: Any changes necessary for the 1966-67 school year will be placed in the back of this catalog as a supplement.

# Vol. 41 1966 No. 1 BULLETIN Fifty-fifth Session Begins Wednesday, September 7, 1966 Education Is Training For Complete Living



The Administration Building houses central offices and classrooms.

# BOARD OF TRUSTEES

G. H. McMorrough, President Lexington
L. R. Thompson, SecretaryLexington
Marion OusleyGoodman
T. O. Buford Pickens
Ralph L. Ray Tchula
Frank EakinThornton
Malcolm Bennett Carrollton
W. Godfrey Campbell
John Clark Love
Tom Mills Kosciusko
Clyde Gibson
W. R. Applewhite Winona
Carl Cooper Grenada
Charles C. Perry Grenada
J. B. Carlisle Ackerman
W. M. Perrigin Ackerman
Robert E. Cox
M. C. Mansell
F. E. Lucius Walthall
J. Y. Reed Walthall
W. C. MartinYazoo City
Pat McGowan, JrYazoo City

# BOARDS OF SUPERVISORS

# HOLMES COUNTY

L. C. Johnson, President
Ray Campbell
Estell Scott
Charles H. Smith
Oscar Rogers

# ATTALA COUNTY

E. W. Frazier, PresidentHorace HutchinsonC. D. OakesAlvin McCroryLee Johnson

# **GRENADA COUNTY**

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# CHOCTAW COUNTY

Clyde Morgan, President
H. H. Bagwell
G. W. Stephenson
Edgar Reel
J. E. Ray

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Claude R. Lott, President Percy D. Corder George W. Galey Cecil L. Herbert Willie C. Welch

# MONTGOMERY COUNTY

J. W. Braswell, President Clarence Oliver Marvin Abel Albert Haywood Marion Williams

# MADISON COUNTY

A. B. Mansell, Jr., PresidentA. E. CrawfordJ. S. Harris, Jr.P. H. Luckett, Jr.E. D. Mansell

# WEBSTER COUNTY

Herman Clanton, President
Pascal Hodges
James B. Dean
Mack Peacock
Wayne Johnson

# YAZOO COUNTY

A. N. Nichols, PresidentGrady DavisA. S. KingLem PhillipsW. S. Hancock

# Calendar - 1966 - 67

# **SUMMER SESSION 1966**

June 6First	three-week	term	begins.
June 27 Secon	d three-week	term	begins.
July 18Third	three-week	term	begins.

# 1966 - 67 SESSION

### First Semester

August 24-27 and 29 - September 3 Pre-registration and classification between 8:00 a.m. and 3:00 p.m.
September 3 American College Test given in library.
September 3-6—No Registration of Students Faculty meetings.
September 7-9Orientation, registration and classification.
September 12
September 21 Last day for registration of new students, for changing schedules, and for dropping courses without receiving a grade.
November 23, 10:00 a.m Thanksgiving holidays begin.
November 28, 7:00 a.m Thanksgiving holidays end.
December 20, 3:30 p.m Christmas holidays begin.
January 3, 7:00 a.m Christmas holidays end.
January 17 First semester examinations begin.
January 21 First semester ends.

# **Second Semester**

January 21-23 Registration for second semester.
January 24
February 10 Last day for registration of new students, for changing schedules, and for dropping courses without receiving a grade.
March 15, 10:00 a.m Spring holidays begin.
March 20, 7:00 a.m Spring holidays end.
May 21, Sunday, 11:00 a.m
May 21, Sunday, 5:30 p.m Graduation.
May 22 Final examinations begin.
May 26 Second semester ends.

# Board Calendar - 1966-67

basis. Each student is responsible for payment of his account on time. Board will be due and payable in advance every four weeks on each of the following dates: All departments operate on a "school month" or four-week

September 7 — First Month October 5 — Second Month November 2 — Third Month

November 30 — Fourth Month January 9 — Fifth Month February 6 — Sixth Month

March 6 — Seventh Month April 3 — Eighth Month May 1 — Ninth Month

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# OFFICERS OF ADMINISTRATION

Frank B. Branch President
Ernest W. Wilson Dean
H. O. Thomas Dean of Student Affairs
Mrs. F. B. Branch
Glynn Martin Dean of Admissions
Stanley F. Allen Business Manager
Reid Thorne Coordinator of Vocational-Technical Education
Miss Christine Carithers Dean of Women

# COMMITTEES OF THE FACULTY

### Credits and Curricula:

Mr. Wilson, Mrs. Branch, Mr. Thomas, Mr. Sanders and Mr. Martin.

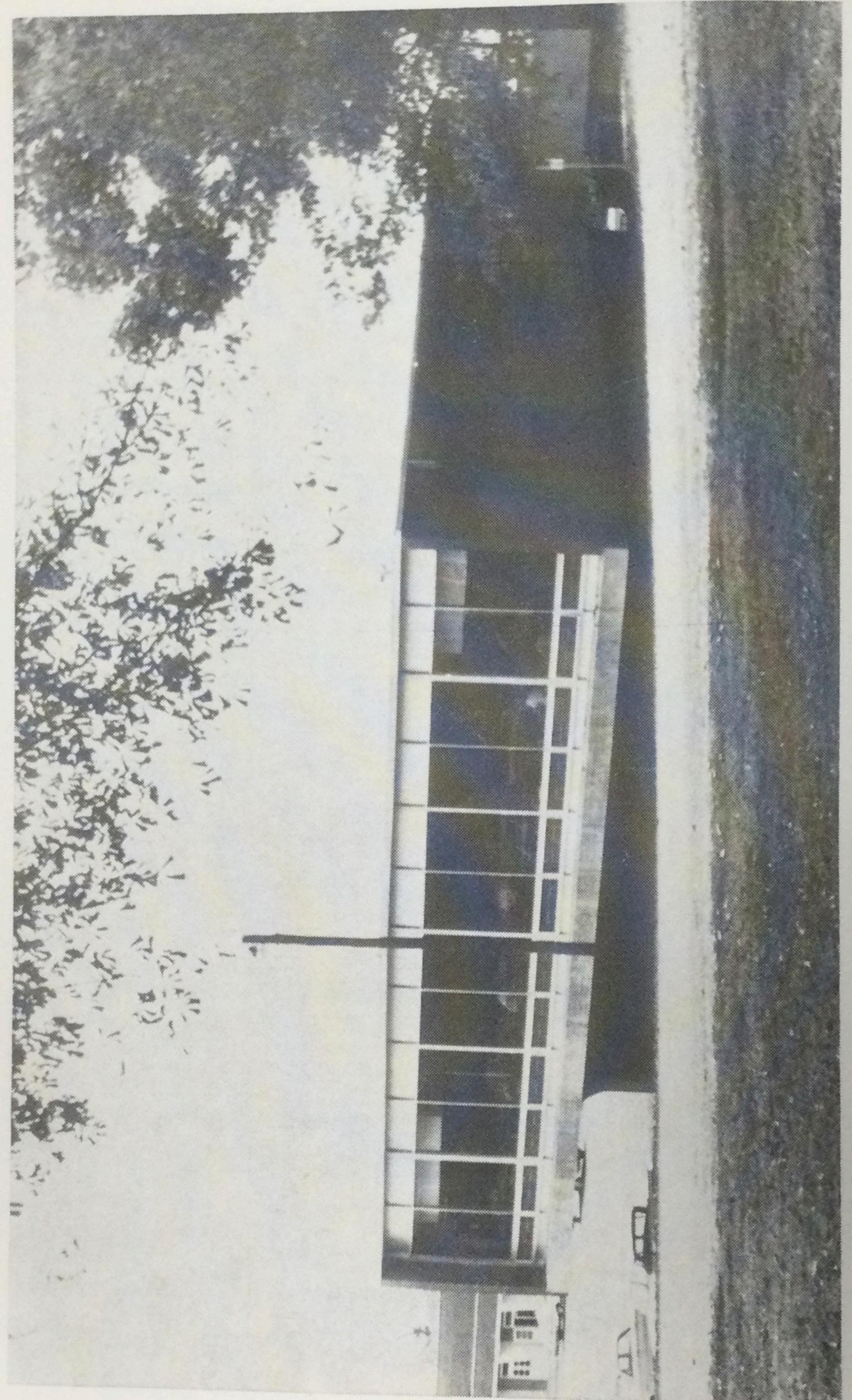
# Discipline:

For men: Mr. Thomas, Mr. Gibson, Mr. Hambrick, Mr. Bunch, Mr. McGraw, Mr. Hill and Mr. Sudduth.

For women: Miss Carithers, Miss Thomas, Mrs. Daniels, Miss Adams and Mrs. Lamb.

# Library:

Mrs. Dorsett, Mrs. Bunch, Mrs. Almond, Miss Bostwick, Mr. Butler and Mr. Sudduth.



McMorrough Library, a place to study

# FACULTY

Miss Elizabeth Adams
S. F. Allen
R. W. Almond
Mrs. R. W. Almond
Miss Emma Bostwick
F. B. Branch
Mrs. F. B. Branch
Mrs. R. M. Branch
W. H. Bunch
Mrs. W. H. Bunch English B. S., Mississippi College M. A., Mississippi College
Howard R. Butler History B. A., Louisiana State University M. A., Louisiana State University

Miss Christine Carithers
Ray Carroll
Miss Christine Covington
Mrs. J. H. Davis
Mrs. Mabel Dorsett
B. S., Delta State College M. S., University of Mississippi Additional Study: Montana State University, University of Kansas
Robert O. Garrison
Lewis Hambrick  B. S., Mississippi State University  M. S., Mississippi State University
Albert Hill
C. F. Hollingsworth  B. M. E., Delta State College  M. A., Columbia University  Additional Study: University of Southern Mississippi

Mrs. J. G. Jacob
Additional Study: University of Buffalo, University of Washington  Robert Johnson
B. S. E., Delta State College Additional Study: University of Mississippi
Mrs. C. W. Lorance
Robert McGraw
Russell McKibben
Glynn Martin
James T. Miley
Mrs. E. E. Owen
Herman Sanders
Miss Clemmer Slaton
W. Y. Sudduth

Mrs. Arvelle W. Terry
Miss Dorothy Thomas
H. O. Thomas
E. W. Wilson
Mrs. E. W. Wilson

# VOCATIONAL FACULTY

M. R. Thorne
Henry McClellan
Additional Study: Mississippi State University Boyd Moss
Thomas Phil Terry
B. S., University of Southern Mississippi Additional Study: Mississippi State University
W. A. Miles B. S., Mississippi State University Drafting
Additional Study: Mississippi State University

C. F. Moore
Mrs. H. O. Thomas
Noel Dickerson Refrigeration and Air-Conditioning
James Burrell Welding Holmes Junior College Additional Study: Mississippi State University
Robert Irby Building and Construction B. S., Mississippi State University
Instructor To Be Added Machinist

# NON-INSTRUCTIONAL STAFF

Mrs. W. G. Daniel	Hostess of Girls' Dormitory
Mrs. Vada Lamb	School Nurse and Hostess
Mrs. William Wigley	Secretary to President
Mrs. Victor Burden	Secretary to Business Manager
Mrs. Glynn Martin	Secretary to Registrar
Mrs. Lewis Hambrick	Secretary to Vocational Coordinator
Francis Cowsert	Manager of Student Center
Mrs. B. A. McBride	Assistant Manager of Student Center
Mrs. Edwina Mallory	Assistant Manager of Student Center
Mrs. W. Y. Sudduth	
Mrs. Russell McKibben	Assistant Manager of Cafeteria
Mrs. J. J. Beaird	Manager of Dry Cleaning Plant
Mrs. Mildred Browning	Manager of Laundry
V. D. Spell	Maintenance Engineer
Brantley Sulton	Assistant Maintenance Engineer
Tommy Jones	



games and parades in various costumes. The Starlettes perform at football

# General Information

# LOCATION

Holmes Junior College is located at Goodman, Mississippi, in the eastern part of Holmes County. The town and college, located on Highway 51 eight miles south of Durant, can be reached by means of Southern Trailway Bus Lines. This location is especially convenient to students from Attala, Carroll, Choctaw, Grenada, Madison, Montgomery, Webster, and Yazoo Counties.

Goodman, though a small town, is well suited as the location for a junior college. Its people are proud of the school and accord its students a most cordial welcome. Through the churches—Baptist, Methodist, and Presbyterian—a special effort is made to serve the students of the college and to make them feel at home.

# HISTORY

Holmes Junior College had its beginning in 1911, when Holmes County set aside eighty acres of land near Goodman, Mississippi, and established Holmes Agricultural High School. It remained a high school until 1925, when one year of college work was added. After three years a second year of college work was added, and Holmes Junior College became a full-fledged junior college in 1928.

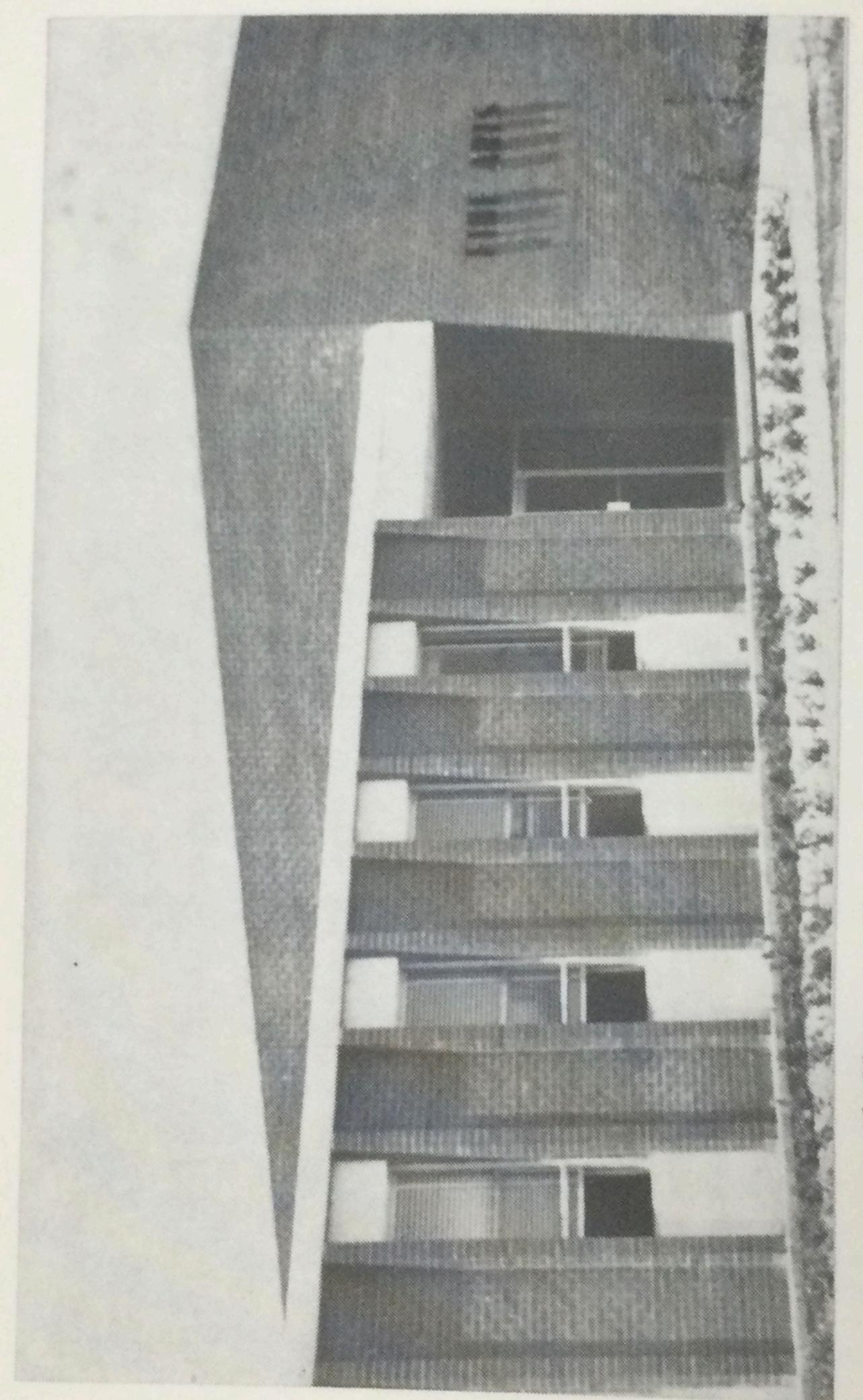
Holmes County has been responsible for the development of the plant which is now valued at more than \$2,000,000. Holmes, Carroll, Attala, Madison, Choctaw, Montgomery, Grenada, Webster, and Yazoo Counties now jointly control the institution. The state, through legislative appropriations, has assumed an increasing responsibility for the support of junior colleges in Mississippi. Thus, through district and state cooperation, Holmes Junior College has come to take its place among the best junior colleges in the state system.

#### **PURPOSE**

The general purpose of Holmes Junior College is to provide a program of studies which will serve the educational needs of this area. These needs include a two-year college program designed for transfer to senior colleges and terminal programs for both college and vocational work. The aim is to offer these programs to residents of this area at the lowest possible cost that will assure good educational practices.

Specific aims of Holmes Junior College are as follows:

1. To make available close to home high quality pre-professional



the newest addition to the campus. The Montgomery Fine Arts Building is

and general education parallel to the first two years of senior college work at lower cost and with more individual attention than the senior colleges can provide.

- 2. To provide as rapidly as possible those technical and vocational terminal courses for which there is sufficient demand.
- 3. To provide an atmosphere conducive to serious study and an atmosphere that will encourage student responsibility, experimentation, and critical thinking.
- 4. To provide guidance and counseling for students in order to assist them to discover their abilities and interests.
- 5. To provide leadership and guidance in studies and activities that will bring about intellectual, cultural, spiritual, and physical development of students for responsible citizenship.
- 6. To cooperate with the community in activities that will be for the benefit of the area.

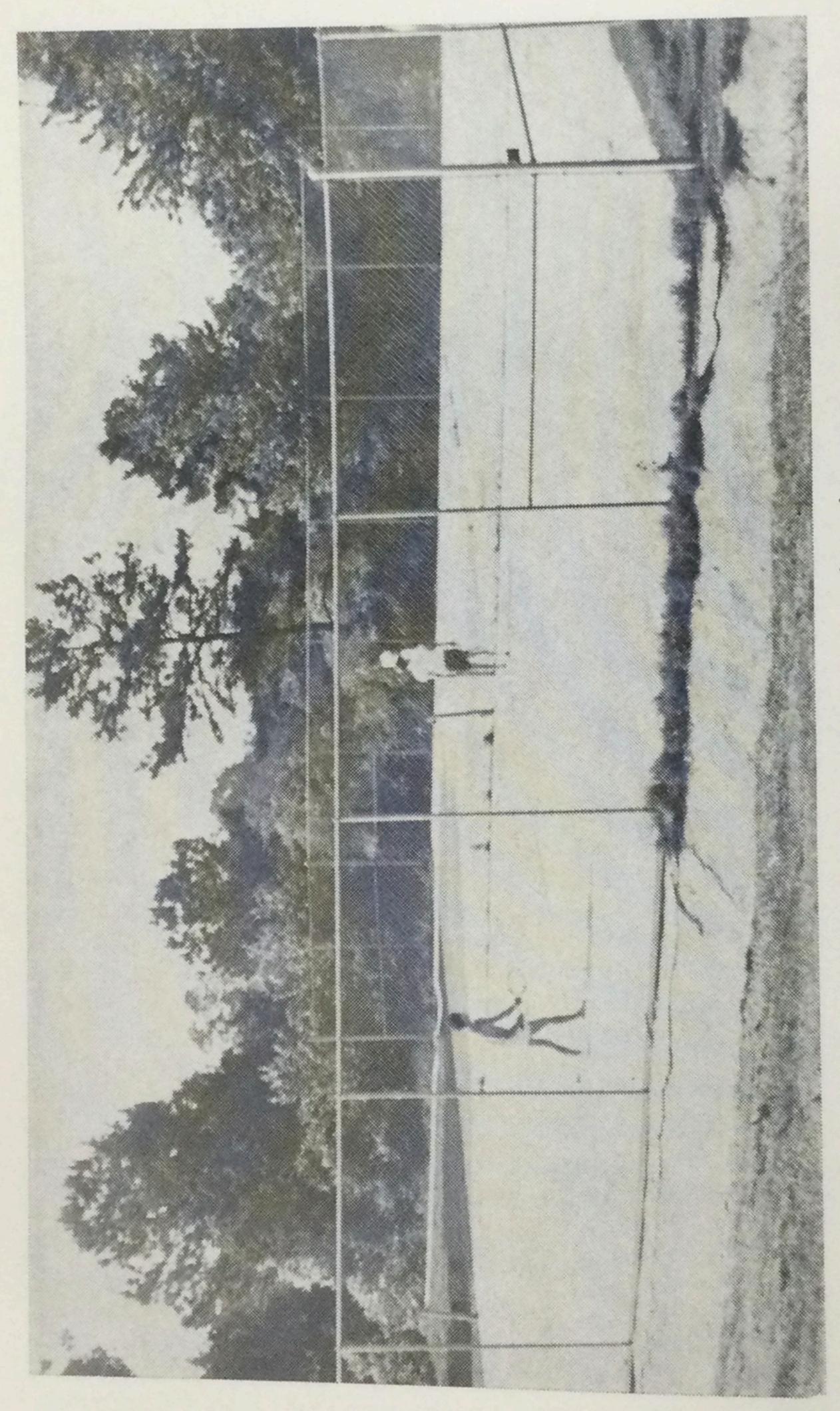
# SCHOOL PLANT

The campus of Holmes Junior College, beautifully landscaped with shrubs and trees, is located on the highest peak in the area of about twenty-five square miles. The school plant has grown from the three original buildings to thirty-five.

Holmes Junior College owns a total of 196 acres of land. In addition, the school rents a hundred acres for pasture and farming. The campus is composed of ninety-four acres. The remaining acres are utilized by the college farm. The thirty-six buildings are as follows: the Administration Building, McMorrough Library, the Industrial Education Building, the Agriculture Building, the Science Building, the Home Economics Building, the Vocational-Technical Building, the Gymnasium, Lorance Student Center, Carroll Cafeteria, Montgomery Fine Arts Building, two dormitories for girls, four dormitories for boys, the President's home, nine faculty homes, a shop, three barns, a fire house, three storage buildings, and a guest house for visiting athletic teams. A lighted football stadium with a track field around it, a baseball field, two (double) tennis courts, and a six acre lake complete the facilities on the campus.

#### DESCRIPTION OF BUILDINGS

McMorrough Library, a two-story brick structure, was completed in 1961. The upper story of the building consists of a large, adequately-furnished and attractive reading room with books shelved around the wall and in low double-faced stacks between the tables, a library preparation and binding room, a librarian's office, a rest room, and a periodical



All-weather tennis courts are used the entire year.

room. The first floor of the building has rest rooms for boys and girls, a conference room for the board meetings or for other group meetings, and two faculty offices. The building is air-conditioned throughout and the furnishings are adequate and attractive. There are 5589 square feet of stack area, 490 square feet in reading rooms, 625 square feet of storage space, 342 square feet of office space, 357 square feet of conference rooms, and 306 square feet of rest rooms.

The Administration Building, constructed of brick in 1918, had an auditorium added in 1930. The offices for the President, the Dean, the Business Manager, the Registrar, and the Guidance Director, all in the building are air-conditioned. There are twelve classrooms and a storage room in this building. The auditorium was designed to seat 560.

The Agriculture Building was erected in 1931. It houses agriculture classes, the laundry, and the dry cleaning plant.

The Industrial Education Building, constructed in 1946, houses the drawing and woodworking departments.

The Home Economics Building, erected in 1931, houses the home economics department and contains a living room, a dining room, a bedroom and bath, a foods laboratory, and a clothing laboratory.

The Science Building is a two-story building built of brick in 1946. The upstairs is used for chemistry and physics, and the downstairs is used for biology.

The Montgomery Fine Arts Building, completed in 1965, has space for the music department including band, vocal music, and piano, the art department, and the speech and dramatics department. There is an auditorium which will seat approximately two hundred.

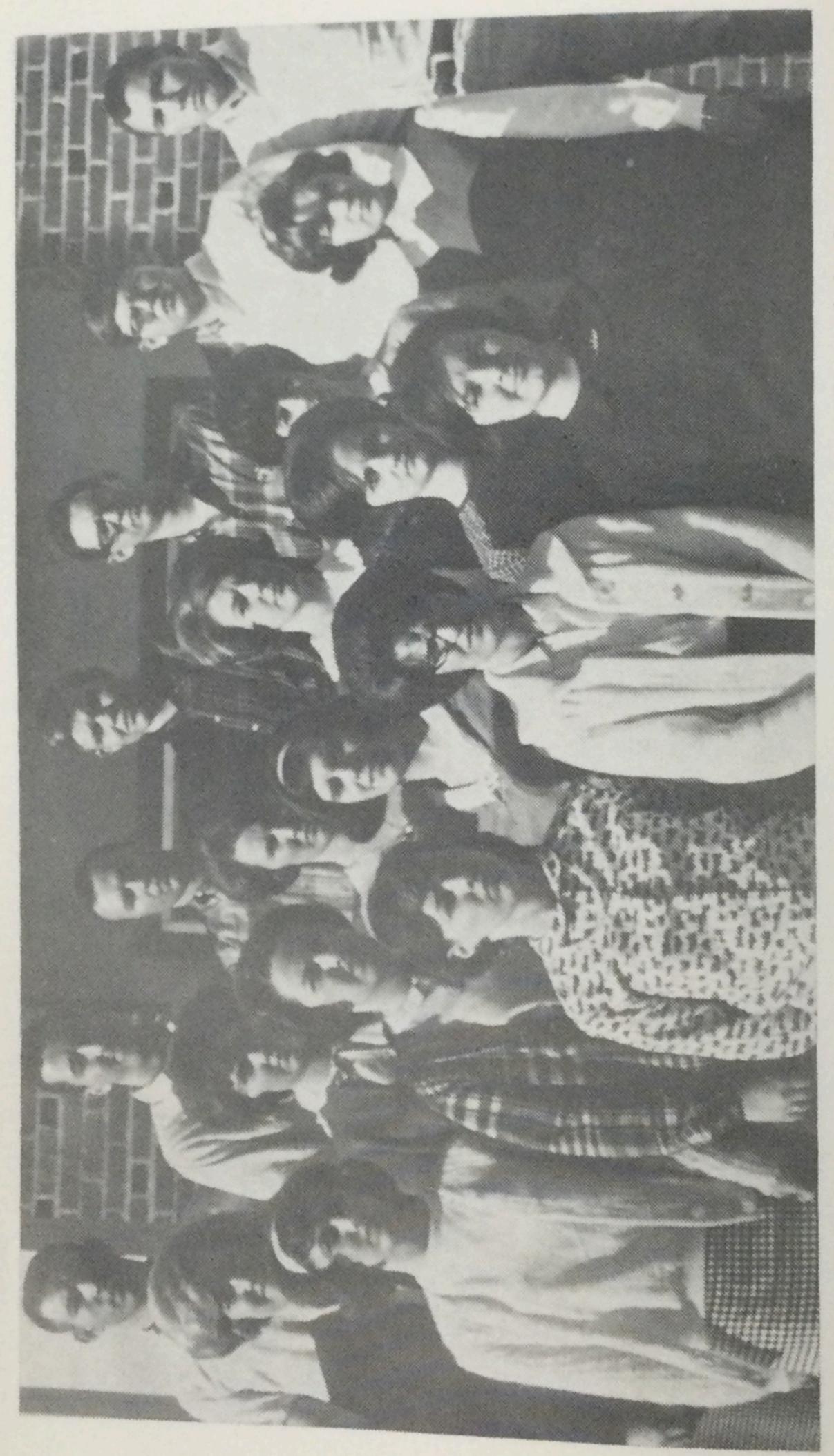
The Gymnasium, built in 1951, houses the physical education department. It has a large main floor with an up-to-date basketball court, and contains dressing rooms for four basketball teams and the home football team.

Lorance Student Center, built in 1956, houses the bookstore, the canteen, and the campus post office. It also serves as a gathering place for students during vacant periods and after school.

Carroll Cafeteria, a modern building, was completed and opened for use in September, 1963. It is completely air-conditioned and has a seating capacity of 380. Small groups can be accommodated in the private dining room which can seat about fifty persons.

The Shop Building, constucted in 1947, contains machinery for metal working.

Boys' Dormitory No. 1 was constructed in 1933 and has been com-



national honorary junior college scholastic twenty students last spring. Kappa Alpha chapter of Phi Theta Kappa, society, initiated more than

pletely renovated. This building houses approximately one hundred boys.

Boys' Dormitory No. 2, built in 1946, has been renovated and houses about one hundred boys.

Attala Hall, a new dormitory, was completed and occupied in 1962. It is reserved for sophomores and can house approximately sixty boys.

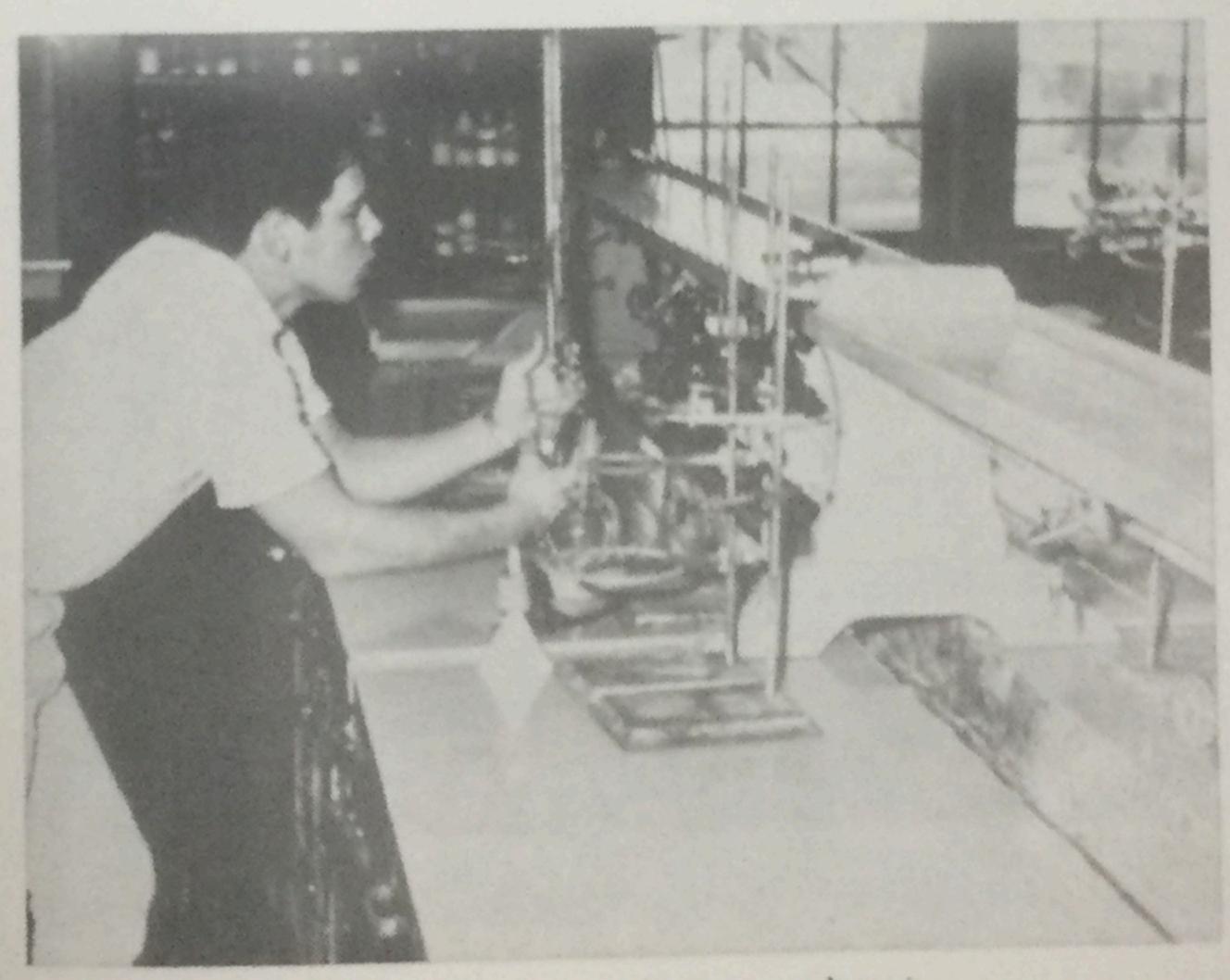
Boys' Dormitory No. 3 is called the "White House." The building was constructed in 1893 and completely renovated in 1951. It houses forty boys.

Girls' Dormitory No. I was constructed in 1920 and renovated in 1959. It will house eighty girls.

Girls' Dormitory No. 2 was erected in 1920 and renovated in 1965. It will house eighty girls.

Visitors' Quarters, built in 1944, house visiting athletic teams while on our campus.

The Vocational-Technical Building, completed in 1966, will house the cosmetology department, the radio and television repair, electronics, auto mechanics, machine shop, welding, refrigeration and air conditioning, and building construction.



Labs offer opportunity to experiment.



Holmes Singers and the band present

# Admission

To be admitted as an entering freshman, a student must (1) show graduation from an approved high school; or (2) show at least fifteen academic units of which there must be 3 units of English, 2 units of mathematics, and 4 units of history, social science, and science (physical education and other non-academic subjects will not be counted toward the fifteen units); or (3) provide a certificate of equivalence from the State Department of Education (for students over 20 years of age).

To be admitted in good standing as a transfer college student, a student must have made satisfactory progress at the last institution attended and be eligible for readmission at that institution. Students on probation at another institution may be admitted on a probationary status. If a transfer probation student fails to make satisfactory progress, he will be dismissed.

To be admitted to a vocational level course, a student must have completed the tenth grade. Applicants who have not completed high school must be at least eighteen years of age. All applicants to the vocational division must take the American College Test, the Kuder Preference Vocational Interest Inventory, and aptitude tests to determine admission to the specific vocational program.

All applicants for college level curricula are required to make a score of eleven or above on the American College Test.

#### Admission Procedure

Students wishing admittance to Holmes Junior College for the first time should request an ADMISSION PACKET. This packet consists of an Application for Admissions blank, a Health Certificate blank, Recommendation forms, and a Dormitory Application form. Students must see that transcripts of their record in the high school or college from which they are transferring are on file by September 1. No student can be enrolled without an official transcript of his previous schooling. To be official, the record must be mailed directly from the school attended to Holmes Junior College. All college students must have an American College Test score on file.

A composite standard score of 11 or above on the American College Test is necessary for a student to be admitted to the college without further evidence of scholastic aptitude.

Admission to Holmes Junior College is not denied to any student on the grounds of his race, color, or national origin; however, when any prospective student seeks admission to the college and has academic



Woodworking allows students to build.

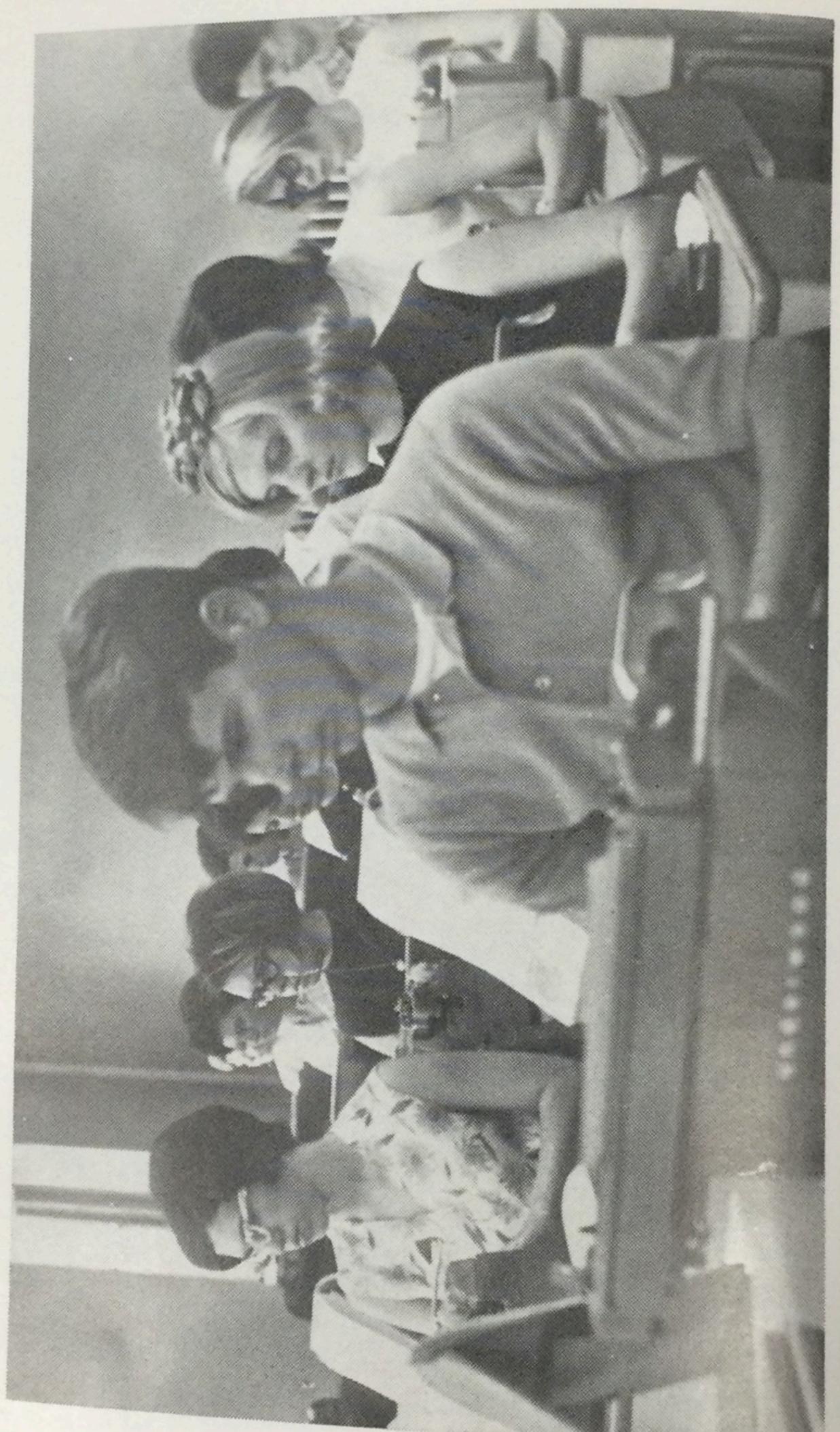
deficiencies of such a nature that would make minimum expected progress at this institution improbable, these students may then be admitted to the vocational program provided they meet admission requirements in this area.

# Registration

Registration covers all the steps necessary for admission to classes. First-time students must attend the scheduled orientation sessions, have school pictures taken, pay entrance fees, fill out registration cards, and obtain class schedules.



Art students paint a scene for a dramatics production.



Students test their skill in typing classes.

# Expenses

All departments are operated on a "school-month" or four-week basis. Bills are due before the first day of the school month as indicated on the board calendar. So far as it can be foreseen, living expenses are not expected to vary from the costs shown below; but the right is reserved to make such increases as the administration finds is warranted.

The following terms are defined:

Area Students—Students from Attala, Carroll, Choctaw, Grenada, Holmes, Madison, Montgomery, Webster and Yazoo Counties.

State Students-Mississippi students other than area students.

Out-of-State Students-Students from outside Mississippi.

The expenses listed below include all fees charged by the college except for vocational shop courses.

Due upon entrance each semester for non-dormitory students:

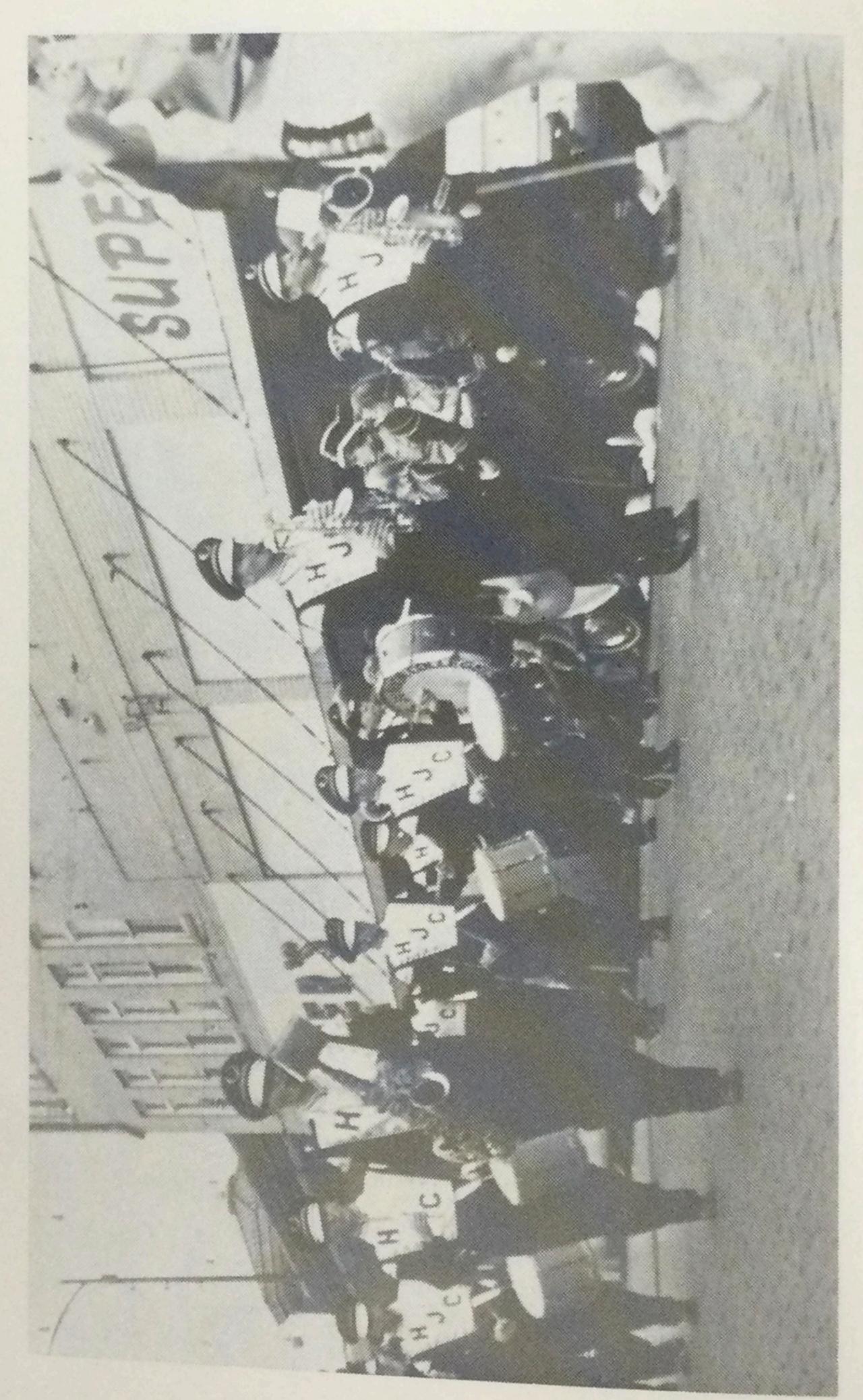
	Area Students		Out-of-State Students
Registration fee (non-refundable) Tuition	0 00	\$ 95.00 45.00	\$150.00 100.00
Total due upon entrance each semester	\$ 50.00	\$ 95.00	\$150.00

Due each month for boarding students on dates shown in board calendar on page 6:

Room	\$ 5.00
Board	33.00
Laundry	4.00
Total	\$ 42.00

Due upon entrance each semester for boarding students:

	Area Students		Out-of-State Students
Registration fee non-refundable  Tuition  Room, board and laundry	0.00	\$ 50.00 45.00 42.00	\$ 50.00 100.00 42.00
Total due upon entrance each semester	\$ 92.00	\$137.00	\$192.00



The college band marches in several parades each year.

#### COST PER SCHOOL YEAR

Stu	Area State udents Students 100.00 \$190. 478.00 568.	nts Students 00 \$300.00	
FEES FOR SPECIAL COLLEGE STUDENTS			
Cost per semester hour (in lieu of all other fee Cost per three-hour course	es)	\$ 8.00 24.00	
OTHER FEES			
Graduation fee (diploma, cap and gown)  Department certificate (cosmetology, secretar Late registration fee	course,	5.00	
VOCATIONAL COSTS FOR FULL-TIME STUDENTS			
Registration fee, per semester (non-refundable Vocational welding, per 4 weeks (cost of supplementation). Automobile mechanics, per 4 weeks (cost of Machine shop, per 4 weeks (cost of supplies). Refrigeration and air conditioning, per 4 weeks (cost of Radio and television repair, 4 weeks (cost of	supplies) eks (cost of s	10.00 5.00 5.00 upplies) 5.00	

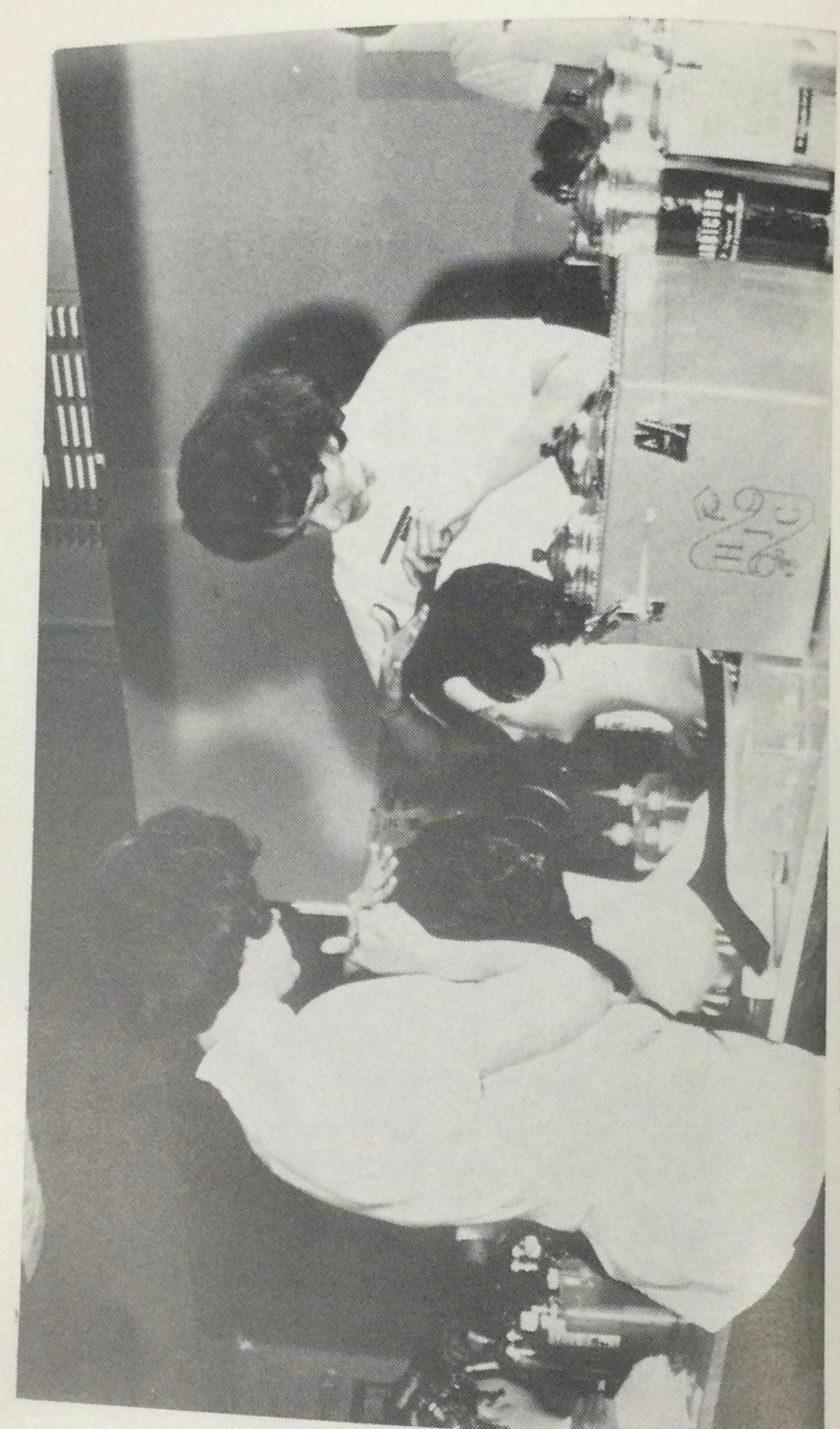
The above costs are assessed for the specific purpose of paying for expendable instructional supplies which are furnished in each of these courses.

# REFUND POLICY

There will be no refund of the registration fee of \$50.00 when a student withdraws. No refund is made for board cost except for periods of two weeks or more. Adjustments will be made on a proportionate basis for absences of two weeks or more. Refunds for tuition are made when the student attends less than one week at seventy-five per cent of tuition paid; for longer periods, no refund is made.

# **MEAL TICKETS**

Each student upon payment of his board will be issued a meal ticket good for the current board period. Students will need to present this at each meal or pay for the meal. Meal tickets are not transferable.



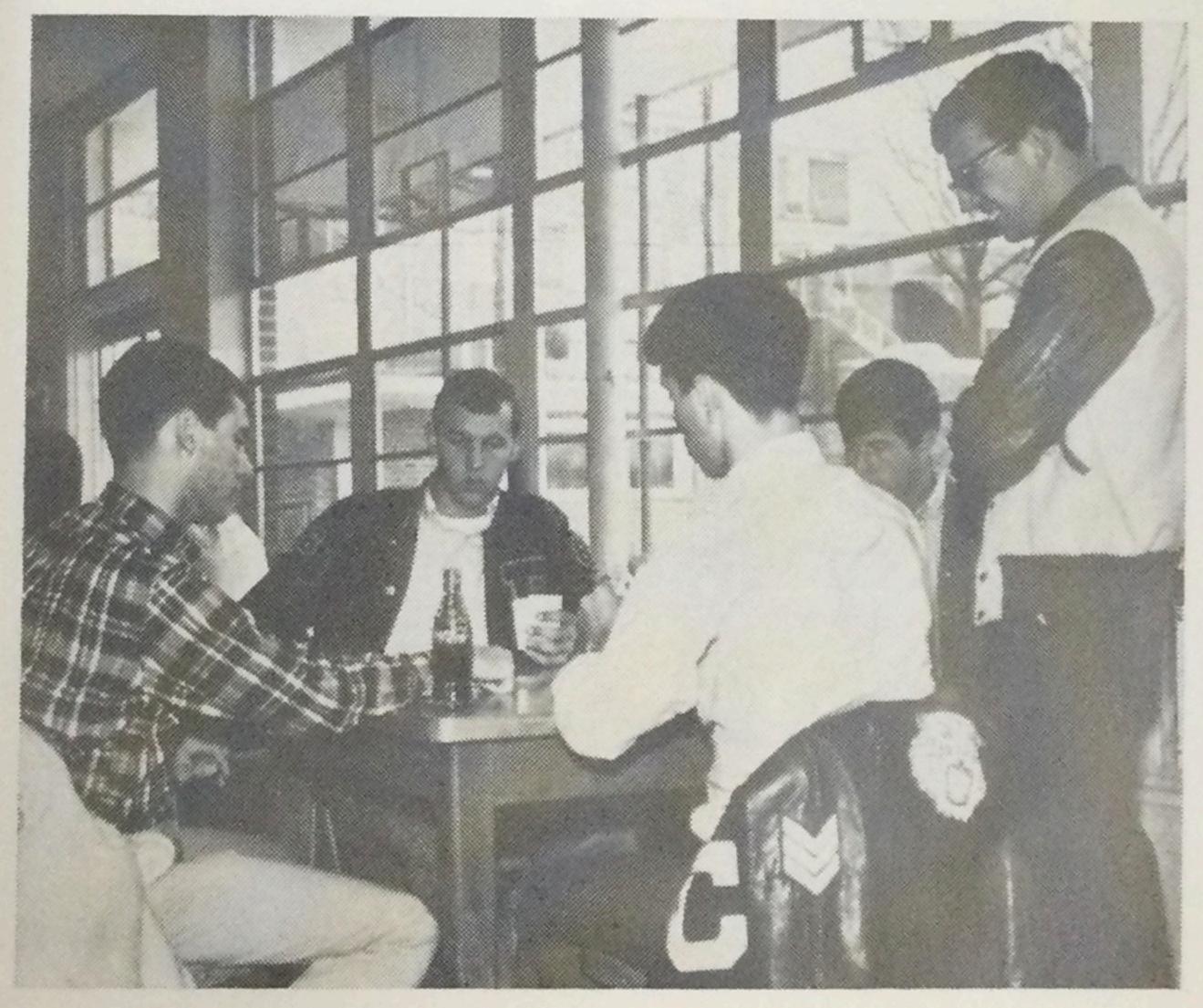
The art of hairdressing is taught in the Cosmetology Department.

#### **TUITION**

Students living outside the nine-county area composed of Attala, Carroll, Choctaw, Grenada, Holmes, Madison, Montgomery, Webster and Yazoo Counties will be charged tuition. Mississippi students outside this area will be charged ninety dollars a year. All students outside Mississippi will be charged two hundred dollars a year.

# SUMMER SCHOOL

Summer school consists of three three-week terms. No student may take more than one hour per week or three hours during a term. For additional information write to The Dean, Holmes Junior College, Goodman, Mississippi.



The Lorance Center offers a place of recreation.



The Drama Club presents the Christmas Pageant each year.

# Student Service

#### Student Guidance

At all times there is available to the student a program of guidance which calls into service the resources of faculty personnel, vocational interest and aptitude tests, educational and occupational information, and other guidance materials. The guidance tests required of all entering freshmen are designed to assist in the proper placement of students in specific courses and furnish valuable information for use by the counseling staff in aiding students to select occupations in keeping with their interests and abilities. These tests will be adminstered during the orientation period being conducted within the first three days of the fall semester. Students are encouraged at all times to seek counsel, not only in the face of specific problems, but also in an effort to discern ways of constantly improving the skills required for effective living.

Students are urged to seek council before problems become serious.

#### Orientation

At the time of registration and throughout the first semester, all freshmen and transfer students are given information concerning general school regulations, use of library, study habits, student services, etc.

# American College Test

All students previous to registering, are required to have on file in the registrar's office the test scores made on the American College Test. The regular dates for this test to be given on our campus are as follows: 1966—June 25, August 6, October 15, and December 10. 1967—February 18, May 13, and August 5. The cost of the test on these dates is four dollars. A residual testing date has been set for September 3, 1966. The cost of residual testing to each student is five dollars.

#### Health Services

A nurse is employed full time. In case of emergencies the school will see that the student is taken to the hospital. The cost of hospitalization, doctor bills, and medicine, other than that given by the school nurse, must be paid by the student.

The student is required to have a Health Examination Record form completed by his physician as a part of his entrance requirement. This form is turned over to the school nurse and becomes a part of the student's medical record.

# Financial Aid

# OPPORTUNITIES:

Every possible effort is made to provide aid for students who need financial assistance to help defray school expenses.

Self-help jobs and government loans are made available in accordance with the following factors:

- (1) Need of the student.
- (2) Dependability of the student.
- (3) Amount of funds available.
- (4) Students who are enrolled in regular college work.
- (5) Students who live in the local taxing area.

Loan applications may be procured upon request to the National Defense Student Loan Chairman.

Job assignments are handled through the President.

# Room Reservations

Dormitory reservations are made only when a \$10 reservation fee is paid into the business office or accompanies the application for admission. The deposit is non-refundable but will be applied toward student fees.

# Rooms and Roommates

Rooms in the dormitories are furnished with single beds, dressers, chairs, and tables. Students are accountable for the care of the room and the furnishings in them. Each student is expected to supply his own linens.

One's roommate is much more to be considered than the room. The authorities are willing for one to select his own roommate. Should that preference prove unwise, a change can be arranged.

# Social Life

Adequate provision is made for the social development of our students through both formal and informal occasions planned by a joint committee are scheduled through the guidance director so that a minimum of interference with school work will occur

### Religious Activities

Holmes Junior College is a state supported institution, and is therefore non-sectarian. It, however, believes in the full development of the spiritual nature of its students. They are encouraged and urged to take part in the Christian organizations on the campus, as well as to participate in the services of the local churches.

Religious training is obtained through participation in the Student Christian Association, a non-denominational organization of students under the leadership of faculty sponsors. Through denominational group meetings, the bulletin board "Daily Thoughts," and the personal service rendered by the prayerfully chosen Student Christian Association Cabinet Members, the organization touches the lives of all of the students of the campus. An effort is made to include every student capable of leadership or interested in any phase of religious development in the varied programs presented during the year. Upon registration, the student is given an opportunity to become a member of the Student Christian Association; or if the student becomes a member of any denominational group, he is automatically a member of the Student Christian Association. The denominational groups on the campus work in co-operation with the local churches and under their supervision.

### Automobiles

Students who wish to operate an automobile on the campus must register the car in the business office. A sticker with a registration number is provided the student upon payment of a \$1.00 fee.

Students must park cars in designated areas. Fines will be assessed for failure to do so. Continued abuse of regulations will result in with-drawal of permission to operate a vehicle on the campus. This applies to all students—dormitory and non-dormitory alike.

### Laundry and Dry Cleaning

The college owns and operates its own laundry and dry cleaning plant on a non-profit basis. Thus, we are able to give our students excellent laundry service at a minimum cost of \$4.00 per month of four weeks. Dry cleaning charges are minimum.

#### Books

Books and supplies may be purchased from the book store located in the Lorance Center. Both new and used books are available. The book store will buy books from students at a reasonable discount, depending upon the care that has been taken in the use of the books.

By careful buying and use of books, the cost may be kept to a minimum.

#### Mail Service

Student mail should be addressed to Holmes Junior College, Goodman, Mississippi. Students receive their mail through post office boxes, the cost of which is included in general fees.

#### Student Conduct

Students are expected to conform to acceptable standards of decency, morality, and courtesy; be truthful; respect the rights of others; be punctual and regular in attendance at classes and assemblies; have regard for college property.

Guides for routine campus and dormitory life are provided students through announcements, student meetings, bulletins, and student handbooks. Through action by the disciplinary committee a student may be excluded from further attendance where evidence indicates that a student participates in unacceptable campus conduct.



A Christmas party in the girls' dormitory.

## Student Activities

The development of the student is encouraged through an extensive program of extra-curricular activities. Campus organizations under faculty guidance provide ample opportunity for growth in leadership, cooperation, and social poise. Membership in some groups is assumed; that is, a freshman is expected to participate in the freshman class organization. In other groups membership is by invitation. Students are urged to consult the director of guidance.

#### **Student Government Association**

All students enrolled at Holmes Junior College automatically become members of the Student Government Association. This organization functions through the student council which is elected by the students. The director of guidance counsels with and supervises the student government association activities.

### Phi Theta Kappa

A national scholastic society, limits admission to those students who rank in the upper ten per cent of the college enrollment and who receive the unqualified nomination of the faculty.

#### The H.J.C. Band

One of the most rewarding activities on campus is membership in the band. The band is located in our completely new and modern Fine Arts Building which contains extensive holdings in musical equipment and is completely air-conditioned. Band scholarships of significant value are awarded by the band director, and any student who has had previous training should become a part of this organization.

#### **Starlettes**

The precision drill and dance team accompanies the band in performances at football games and other performances throughout the state. Membership is determined by tryouts held in the spring and at the beginning of the fall semester.

### The Holmes Junior College Choir

One of the most active organizations on the campus. Membership in this organization is by audition. This club presents annual concerts and participates in the annual choir festival. The choir activities are normally brought to a close with an extended tour of the state. The programs are

presented in various high schools, churches, and colleges of the state. Smaller groups, such as the girls ensemble and folk groups, are selected from the choir and programs are given throughout our area.

### Religious Organizations

The Baptist Student Union, The Wesley Foundation, and The Newman Club are organizations of the Baptist, Methodist, and Catholic churches respectively. Regular meetings are held by each organization and interested students are invited to attend. In addition the Student Christian Association meets regularly and encourages all students to participate in its activities.

#### Horizons

The college yearbook was first published in 1928-29. This annual is a credit to those who have worked to give our students a pictorial review of their college days and will serve to remind them of friends for many years to come.

#### The Growl

The college paper has won its way into the lives of our students and friends, and each one eagerly awaits the following issue. Through the columns of the school paper, the students find a chance to learn the art of news writing at close range.

### Student Education Association

Membership in this club is restricted to prospective teachers. Its purpose is to acquaint members with the opportunities, problems, ethics, and other important aspects of the teaching profession. All education majors are urged to affiliate with this organization.

#### Debate Club

Open to all students. Students interested in debating should contact the club sponsor early in the school year. Local debates are held and competition with other junior colleges is obtained in the state junior college debate tournament.

### Dramatics Club

Membership is open to all students. Production consists of full length plays, and one act plays, all under the direction of the faculty director. The purpose of the club is to develop skills and interests in the field of drama.

#### Lottie Peebles Home Economics Club

Affiliated with the American Home Economics Association and the Mississippi Home Economics Association. Membership in the club is open to all home economics majors and minors. The purpose of the club is to encourage professional development of home economics majors. The club meets twice a month.

#### **Athletics**

Students are encouraged to participate in some athletic activity. The college recognizes the benefits to the student and the desirability of maintaining a strong physical body along with an active mind. It has thus provided for football, basketball, baseball, track, tennis, volley ball, and other sports both from the standpoint of intramural and intercollegiate competition.



Home economics students get ready to prepare a meal.

## Academic Procedures and Regulations

### EXAMINATION AND CLASSIFICATION

Two regular examinations will be held during the session—one at the close of each semester. Tests will be given and grade sheets turned in to the office at the end of each nine weeks. The basis of classification is as follows: college freshmen, zero to twenty-five semester hours; college sophomore, twenty-six or more semester hours. The classification applies to the record of the student at the beginning of the session. Exceptions may be made at midterm in case of students who expect to graduate at the following commencement.

#### GRADING

Grading will be made in letters, A, B, C, and D as passing grades, F as failing, and I as incomplete. On a percentage basis, grades may be interpreted as follows: A-93 and above; B—85 through 92; C—75 through 84; D—68 through 74; and F—below 68. Incomplete indicates that some necessary work for the course has not been satisfactorily completed. I's must be removed within two weeks following regular school term, or the grade will automatically be recorded as an F.

#### REPORTS

A report of the student's work is made to the student and parents at intervals of nine weeks. Students who desire a copy of these grades should make a request of the registrar. After one copy has been sent, a charge of fifty cents will be made for additional copies.

#### SEMESTER HOURS

A semester hour of college credit is defined as the credit earned when a course meets one hour per week on a lecture basis. Normally 128 to 144 such hours are required for a degree from a senior college. Sixty-four semester hours are required for graduation from most junior colleges.

### QUALITY POINTS

Quality points are assigned as follows: three quality points for each semester hour with a grade of A, two quality points for each semester with a grade of B, and one quality point for each semester hour

An average of at least one quality point per semester hour earned is required for graduation at all senior colleges.

#### STUDENT LOAD

The normal load for a student is sixteen semester hours. The minimum load for a full-time student is twelve semester hours. A student is allowed to take more than sixteen hours per semester when his normal schedule would call for this or when he has maintained an average of B or better. No student may take more than twenty-one hours in any one semester.

#### DROPPING A COURSE

A student wishing to drop a course should make application to the academic dean. During the first two weeks of a semester no record of performance is made on the permanent record when permission has been granted to drop the course. After the first two weeks of a semester a grade of WP or WF is recorded for official drops. Failure to withdraw officially from a class results in a final grade of F in the course. Only in very unusual circumstances will an official drop be given after the first six weeks.

#### **GRADE RECOGNITION AND HONORS**

Students with a sufficient quality point average are recognized at the end of each nine weeks and at the end of the semester.

To be eligible for such recognition a student must be taking at least fifteen semester hours and have no grade less than a C.

This recognition is divided into three parts as follows:

President's List: Those students who have a quality point average of 2.7 to 3.0.

Dean's List: Those students who have a quality point average of 2.4 to 2.7.

B-Average Students: Those students who have a quality point average of 2.0 to 2.4.

Honors at graduation are as follows: Those who have earned a 2.7 and above quality point average for all four semesters will be graduated with "Special Honors"; those who have earned a quality point average of 2.4 to 2.7 for all four semesters will be graduated with "Honors."

### ACADEMIC FAILURE

A student who fails to pass nine semester hours in a regular semester automatically becomes an academic failure.

An academic failure for one semester is placed on probation and will be subject to strict regulations. An academic failure for two semesters is ineligible to re-enter Holmes Junior College for the next semester.

### WITHDRAWAL

When a student withdraws from Holmes Junior College, he is expected to fill out a withdrawal form and have it signed by the proper authorities. Any student leaving school without his debts to the school being cleared will have his records frozen. These records will remain frozen until the student clears up his financial indebtedness to the school.

A grade of WP will be assigned to a course when a student withdraws after the first six weeks of school and was passing the course at the time of withdrawal. A grade of WF will be assigned if he was not passing at the time of withdrawal. A student failing to withdraw will receive an F in all subjects.

### REQUIREMENTS FOR GRADUATION

Candidates for graduation may pursue either of two courses: First, the "Associate of Arts Degree"; and second, a "Certificate of Graduation."

A candidate for the "Associate of Arts Degree" must complete a minimum of 64 semester hours not counting physical activity courses. The hours earned must be applicable to a course outlined in our catalogue. The candidate must earn at least 64 quality points on subjects applicable to his chosen course of study. Six hours of English composition are required of all candidates.

Candidates for the "Certificate of Graduation" must complete 64 semester hours. Six semester hours of English composition are required of all candidates. Students who expect to work toward a degree would not pursue this objective.

Nine months of residence work are required for graduation.

Candidates for graduation should file their applications for Associate of Arts, Certificate of Graduation, or special department certificate with the Registrar not later than February first for graduation in May.

### TRANSCRIPTS

One transcript will be furnished each student free of charge. For each additional transcript, there will be a charge of one dollar.

### ABSENCE FROM CLASSES

A student is expected to attend all of his classes. He should realize from the beginning that he suffers a great loss each time he is absent from class. The following regulations governing class attendance apply to all students enrolled at Holmes Junior College.

All absences must be cleared with a written statement as follows:

- (1) Absences due to school business shall be cleared by a written list of students involved in the activity by the sponsor of the activity.
- (2) Absences due to prolonged illness of the student, death or serious illness in the immediate family must be verified by a statement from a physician and presented to the Dean upon his return to school.
- (3) Absences due to short illness shall be cleared by a statement from the school nurse. (Failure to report to or to send word immediately to the school nurse means an unexcused absence.)

### **Exception:**

- (a) A dormitory student ill at home must bring a statement from a doctor.
- (b) Day students absent for a period of one day only may bring a statement from parent. For longer periods, the doctor's statement is necessary.
  - (1) Day students who become ill on the campus must report to the school nurse and can be cleared only with a statement from her.
- (4) Absences due to personal business, dental, medical, and other appointments may be cleared by a written statement from the student involved. However, such absences, each semester, are limited in each course to three. No such absences are allowed for laboratory work, for assigned tests, for orientation classes, for the day before or following a holiday, nor will time for assigned work due be delayed..

All statements are due upon return to class, and failure to have the school excuse turned into the office of the Dean within a week of return to class will result in an unexcused absence being recorded.

Three unexcused tardies shall count as an unexcused absence.

Two unexcused absences will cause the student to be dropped from

class. Such a student may apply to the admissions committee for readmission to class.

Upon approval of the admissions committee and payment of a \$2.00 fee to the business office, a student may be reinstated to class. Only one readmission to class is allowed.

Students who drop below twelve hours will not be permitted to remain in school. (This does not apply to students who may, by special permission, have been granted the privilege of taking a limited load upon registering for the semester.)

# Courses of Study

### COURSE I

### Agriculture

### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3	English Composition, EN 213	
General Chemistry, CH 114	4	General Chemistry, CH 214	4
College Algebra, MA 113	3	Trigonometry, MA 243	3
General Zoology, BI 103	3	General Botany, BI 223	3
Oral Communication, SP 423	3	Agricultural Economics,	
Physical Education, PE 100	0	AG 353 or	
Orientation, ED 101	1	Principles of Livestock	
		Feeding, AG 313	3
	17	Physical Education, PE 200	0
		Elective	1
			17

### Agricultural Economics

First Semester	Hrs.	Second Semester	Hrs.
Principles of		Agricultural Economics,	
Accounting, AC 103	3	AG 353 or	
Animal Science, AG 404	4	Principles of Livestock	
Soils, AG 344	4	Feeding, AG 313	3
Business Law, BL 303	3	Plant Science, AG 303	3
Principles of		U. S. Government, PS 313	3
Economics, EC 313	3	American History, HI 433	3
Physical Science		Business Correspondence,	
Survey, PH 113	3	OA 333	3
		Sociology, SO 303	3
	20		
			18

## Agricultural Education

### Second Year

First Semester Soils, AG 344 American History, HI 333 English Literature, EN 333 Animal Science, AG 404 Farm Forestry, AG 223 Music Appreciation, MU 113 or Art Appreciation, AR 113	Hrs. 4 3 4 3	Second Semester  Agricultural Economics,  AG 353 or  Principles of Livestock  Feeding, AG 313  American History, HI 433  English Literature, EN 433  Plant Science, AG 303  Health, PE 273  Introduction to Sociology,  SO 303	Hrs.  3 3 3 3 3
	20		18

## Agricultural Engineering Technology and Business

### Second Year

Time Compositor	Hrs.	Second Semester	Hrs.
First Semester	4	Plant Science, AG 303	3
Soils, AG 344	4	Introduction to Sociology,	
Animal Science, AG 404 Principles of Accounting,	4	SO 303	
AC 103	3	Principles of Accounting,	
Business Law, BL 303 or		AC 203	3
Analytic Geometry, MA 153	3	U. S. Government, PS 313	3
General Psychology, PY 333	3	General Physics, PH 424	4
General Physics, PH 324	4	Elective	1
	21		17
	Agronomy	Crops	

### Second Year

Second Semester Organic Chemistry, CH 425 5 Plant Science, AG 303 3 U. S. Government, PS 313 3 U. S. History, HI 433 3 English Literature, EN 433 1 Elective

20

### Agronomy Soils

#### Second Year

First Semester	Hrs.	Second Semester	Hrs.
Organic Chemistry, CH 325	5	Organic Chemistry, CH 425	5
Soils, AG 344	4	Agricultural Economics,	
U. S. Government, PS 313	3	AG 353 or	
English Literature, EN 333	3	U. S. History, HI 433	3
General Physics, PH 324	4	English Literature, EN 433	3
_		General Physics, PH 424	4
	19	Plant Science, AG 303	3
		Elective	1
			19

### Seed Technology

(Three Options-Production, Business, Science)

General Physics, 111 021	Hrs. 4 3 3 5 , 4 or 19	reneral rhysics,	Hrs.  3 3 3 5 , or 4 1 or 2
			19

<sup>\*\*</sup>Production and Business option majors take accounting.

Science option majors take physics.

### **Animal Husbandry**

(Production, Business, Science Options)

### Second Year

First Semester Soils, AG 344 Animal Science, AG 404 Organic Chemistry, CH *Business Law, BL 303 or General Physics, PH 324 Elective	Hrs. 4 4 325 5  3 or 4 2 or 3  19	Second Semester  Agricultural Economics,  AG 353 or  Principles of Livestock  Feeding, AG 313  U. S. History, HI 433  Plant Science, AG 303  U. S. Government, PS 313  **Principles of Accounting  AC 103 or  Organic Chemistry,	Hrs. 3 3 3
			3 or 5
		Electives	2 or 0
			18

<sup>\*</sup>Production and business options require BL 303. Science option requires physics.

### General Agriculture

First Semester Soils, AG 344 Organic Chemistry, CH 325 Principles of Accounting, AC 103 Animal Science, AG 404 Electives	Hrs. 4 5 3 4 3 19	Second Semester Agricultural Economics, AG 353 or Principles of Livestock Feeding, AG 313 U. S. Government, PS 313 U. S. History, HI 433 Plant Science, AG 303 Principles of Accounting, AC 203 Business Correspondence, OA 333	Hrs.  3 3 3 3
		and the state of t	and the latest terminal termin

<sup>\*\*</sup>Science option requires CH 425. Business option requires AC 103. CH 425 may be replaced with electives for the production option.

#### Horticulture

### Second Year

First Semester	Hrs.	Second Semester	Hrs.
Soils, AG 344	4	Agricultural Economics,	
Animal Science, AG 404	4	AG 353 or	
General Physics, PH 324	4	U. S. History, HI 433	3
Farm Forestry, AG 223	3	Plant Science, AG 303	3
General Psychology, PY	333 3	U. S. Government, PS 313	3
		Introduction to Sociology,	
	18	SO 303	3
		Business Correspondence,	
		OA 333	3
		Electives	3
			18

### **COURSE II**

### Entomology

### First Year

First Semester  English Composition, EN 113 General Chemistry, CH 114 College Algebra, MA 113 General Zoology, BI 104 Oral Communication, SP 423 Physical Education, PE 100 Orientation, ED 101	rs. 3 4 3 0 1	Second Semester English Composition, EN 213 General Chemistry, CH 214 Trigonometry, MA 243 General Zoology, BI 204 U. S. History, HI 433 Physical Education, PE 200	Hrs. 3 4 3 0
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First Semester Animal Science, AG 404 General Physics, PH 324 Analytical Geometry, MA 15 Differential Calculus, MA 1 Organic Chemistry, CH 325	Hrs. 4 4 3 3 63 5 19	Second Semester Plant Science, AG 303 *General Physics, PH 424 or Elective *Agricultural Economics,     AG 353 or Elective General Botany **Electives	Hrs. 3 4 5
			18

<sup>\*</sup>Science elective requires PH 424; the business elective requires AG 353.

\*\*Electives should come from mathematics or social science.

#### **COURSE III**

### \*Pre-Forestry

#### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3 3	English Composition, EN 213	3
General Chemistry, CH 114	4	General Chemistry, CH 214	4
General Zoology, BI 103	3	General Botany, BI 223	3
Principles of Economics,		Oral Communication, SP 423	3
EC 313	3	History or Political Science	
History or Political Science	3	or Agricultural Economics,	
Physical Education, PE 100	0	AG 353	3
Orientation, ED 101	1	Physical Education, PE 200	0
	17		16

\*High School requirements to enter the School of Forestry are English—4 units, science—2 units, social studies—2 units, mathematics (algebra, geometry, trigonometry)—4 units, electives—4 units. Students should plan to transfer at the end of the first year.

#### **COURSE IV**

### \*General College

#### First Year

First Semester  English Composition, EN 113 General Zoology, BI 103 Early World History, HI 103 College Algebra, MA 113 French, ML 103 or Oral Communication, SP 423 Physical Education Orientation, ED 101	Irs. 3 3 3 3 1	Second Semester  English Composition, EN 213 General Botany, BI 223 Modern World History, HI 203 **Trigonometry, MA 243 French, ML 203 or Introduction to Sociology, SO 303 Physical Education	rs. 3 3 3 0
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16

First Semester	Hrs.	Second Semester	Hrs.
English Literature, EN 333	3	English Literature, EN 433	3
General Psychology, PY 333	3	General Psychology, PY 433	3
French, ML 303 or		French, ML 403 or	
U.S. Government, PS 313	3	State & Local Government,	
Principles of Economics,		PS 423	3
EC 313 or		Principles of Economics,	
U. S. History, HI 333	3	EC 413 or	
Music Appreciation, MU 113		U. S. History, HI 433	3
or Art Appreciation, AR 113	3	Introduction to Sociology,	
World Geography, GE 203	3	SO 303 or	
		Oral Communication,	
	18	SP 423	3
			15

\*B.A. degree normally requires a foreign language while a B.S. degree does not.

### COURSE V(a)

### Music

### Leading to a B.M. Ed. Degree

### Instrumental Major

### First Year

First Semester English Composition, EN 113 Music Theory, MU 104 Major Instrument Piano, PI 121 Survey of Music Literature, MU 112 *Restricted Electives Orientation, ED 101 ***Band, MU 151	4 2 1 2 3 1 0	Second Semester English Composition, EN 213 Music Theory, MU 204 Major Instrument Piano, PI 221 Survey of Music Literature, MU 212 *U.S. Government, PS 313 **Band **Physical Development	Hrs. 3 4 2 1 2 3 0 0
**Physical Development	0		15

<sup>\*\*</sup>May be substituted.

First Semester	Hrs.	Second Semester	Hrs.
Piano, PI 321	1	Piano, PI 421	1
Early World History, HI 103	3	Modern World History, HI	203 3
English Literature EN 333	3	English Literature, EN 433	3
General Psychology, PY 333	3	Music Theory, MU 404	1
Music Theory, MU 304	4	Major Instrument	2
Major Instrument	2	Music History, MU 422	2
Music History, MU 322	2		
			15
	18		10

<sup>\*</sup>Select from BI 103, SP 423, and PE 273.

### COURSE V(b)

### Music

Leading to a B.M. Ed. Degree

### Voice Major

### First Year

English Composition, EN 113 Music Theory, MU 104 Piano, PI 102 Voice, VO 103 Survey of Music Literature, MU 112 Orientation, ED 101 *Chorus, VO 111 *Physical Development	Hrs. 3 4 2 3 2 1 0 0	Second Semester English Composition, EN 213 Music Theory, MU 204 Piano, PI 202 Voice, VO 203 Survey of Music Literature, MU 212 *U. S. Government, PS 313 *Chorus, VO 211 *Physical Development	Hrs. 3 4 2 3 0 0 0
	15		17

<sup>\*\*</sup>Required but no credit hours are allowed.

First Semester	Hrs.	Second Semester	Hrs.
Early World History, HI 303	3	Modern World History, HI 203	
English Literature, EN 333	3	English Literature, EN 433	3
Music Theory, MU 304	4	Music Theory, MU 404	4
Voice, VO 303	3	Voice, VO 403	3
Music History, MU 322	2	Music History, MU 422	2
Piano, PI 302	2	Piano, PI 402	2
*Chorus, VO 311	0	*Chorus, VO 411	0
	17		17

<sup>\*</sup>Required but no credit hours are allowed.

### COURSE V(c)

#### Music

Leading to a B.M. Ed. Degree

### Piano Major

#### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3	English Composition, EN 213	3
Music Theory, MU 104	4	Music Theory, MU 204	4
Piano, PI 103	3	Piano, PI 203	3
Class Voice, VO 121	1	Class Voice, VO 221	1
Survey of Music Literature,		Survey of Music Literature,	
MU 112	2	MU 212	2
Orientation, ED 101	1	U. S. Government, PS 313	3
*Restricted Elective	3	**Physical Development	0
**Physical Development	0		
			16
	17		

#### Second Year

	2000		
First Semester	Hrs.	Second Semester	Hrs.
English Literature, EN 333	3	English Literature, EN 433	3
Early World History, HI 103	3	Modern World History, HI 203	3
Music Theory, MU 304	4	Music Theory, MU 404	4
Piano, PI 303	3	Piano, PI 403	3
Music History, MU 322	2	Music History, MU 422	2
General Psychology, PY 333	3		15

18

<sup>\*</sup>Select from BI 103, SP 423 and PE 273.

<sup>\*\*</sup>Required but no credit hours are allowed.

### COURSE VI

### Art

### Leads to a B.S. or B.S.Ed. in Art.

### First Year

First Semester	Hrs.	Second Semester Hrs.
English Composition, EN 113	3	English Composition, EN 213 3
Early World History, HI 103	3	Modern World History, HI 203 3
Drawing, AR 123	3	Drawing, AR 223
General Art and Design, AR	103 3	General Art and Design AR 203 3
Zoology, BI 103	3	Botany, BI 223
Physical Education	0	Physical Education 0
Orientation, ED 101	1	
		15
	16	

### Second Year

First Semester English Literature, EN 333 General Psychology, PY 333 Drawing, AR 323 Art History, AR 313 Oral Communication, SP 423 College Algebra, MA 113	3	Second Semester English Literature, EN 333 U. S. Government, PS 313 Advanced Drawing, AR 423 Art History, AR 413 Health, PE 273	Hrs. 3 3 3 3
	18		15

### COURSE VII

## \*Chemistry

### First Year

First Semester English Composition, EN 113 Analytic Geometry, MA 153 Differential Calculus, MA 163 General Chemistry, CH 114 French, ML 103 Physical Education, PE 100 Orientation, ED 101	0	Second Semester English Composition, EN 213 Integral Calculus I, MA 273 Oral Communication, SP 423 General Chemistry, CH 214 French, ML 203 Physical Education, PE 200 Elective	3
		Liective	1

17

First Semester Integral Calculus II, MA 383 General Physics, PH 324 Organic Chemistry, CH 425 French, ML 303 U. S. Government, PS 313	Hrs. 3 4 5 3 3	Second Semester  Differential Equations, MA 493 General Physics, PH 424 Organic Chemistry, CH 425 French, ML 403 ***English Literature, EN 433	Irs. 3 4 5 3
	18		18

<sup>\*</sup>Requirements for entrance in this curriculum are the same as those for engineering..

#### **COURSE VIII**

### **Biological Science**

(For Majors in Zoology and Wild Life Management)

#### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3	English Composition, EN 213	3
College Algebra, MA 113	3	Trigonometry, MA 243	3
General Zoology, BI 104	4	General Zoology, BI 204	4
French, ML 103	3	French, ML 203	3
General Chemistry, CH 114	4	General Chemistry, CH 214	4
Physical Education, PE 100	0	Physical Education, PE 200	0
Orientation, ED 101	1		
			17
	18		

First Semester English Literature, EN 333 Organic Chemistry, CH 325 French, ML 303 General Physics, PH 324 U. S. History, HI 333	Hrs. 3 5 3 4 3	Second Semester  English Literature, EN 433 U. S. Government, PS 313  French, ML 403  General Physics, PH 424  General Botany, BI 223  Elective	Hrs. 3 3 4 3 2
	18		18

<sup>\*\*</sup>A liberal arts course may be substituted.

### COURSE IX

### Pre-Medical - Pre-Dental

### First Year

General Chemistry, CH 114 College Algebra, MA 113 General Zoology, BI 104 French, ML 103 or General Psychology, PY 333 *Physical Education, PE 100 Orientation, ED 101  General Chemistry, CH 214 Trigonometry, MA 243 General Zoology, BI 204 French, ML 203 or General Psychology, PY 433 *Physical Education, PE 100 Orientation, ED 101	
10	17

#### Second Year

First Semester	Hrs.	Second Semester	Hrs.
Organic Chemistry, CH 325	5	Organic Chemistry, CH 425	5
General Physics, PH 324	4	General Physics, PH 424	4
History	3	History	3
French, ML 303 or		French, ML 403 or	
U. S. Government, PS 313	3	Social Science Elective	3
	15		15

<sup>\*</sup>Required but does not count toward a medical degree.

### COURSE X

### **Pre-Pharmacy**

### First Year

First Semester English Composition, EN 113 General Zoology, BI 104 General Chemistry, CH 114 College Algebra, MA 113 *Physical Education, PE 10 Orientation, ED 101	4 4 3	Second Semester  English Composition, EN 213 General Zoology, BI 204 General Chemistry, CH 214 Trigonometry, MA 243 *Physical Education, PE 200	Hrs. 3 4 4 3 0
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Second	W
second	rear

First Semester Organic Chemistry, CH 325 General Physics, PH 324 Principles of Accounting, AC 103 Principles of Economics, EC 313 U. S. Government, PS 313	Hrs. 5 4 3 3 3	Second Semester Organic Chemistry, CH 425 General Physics, PH 424 Introduction to Sociology, SO 303 Principles of Economics, EC 413 General Botany, BI 223	Hrs. 5 4 3 3
	18		18

<sup>\*</sup>Required but no credit is allowed toward Pharmacy.

#### **COURSE XI**

### \*Pre-Veterinary

#### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3	English Composition, EN 213	
General Chemistry, CH 114	4	General Chemistry, CH 214	4
General Zoology, BI 104	4	U. S. History, HI 433	3
College Algebra, MA 113	3	Trigonometry, MA 243	3
Animal Science, AG 404	4	General Botany, BI 223	3
Physical Education, PE 100	0	Physical Education, PE 200	0
Orientation, ED 101	1		
			16
	19		

<sup>\*</sup>Pre-Veterinary students should plan to transfer at the end of their first year.

### **COURSE XII**

### Medical Technology

Designed to transfer to Delta State College

#### First Year

First Semester F	Irs.	Decome Seminary	Hrs.
English Composition, GEN 113	3	English Composition, GEN 213	3
General Chemistry, CH 114	4	General Chemistry, CH 214	4
College Algebra, MA 113	3	Trigonometry, MA 243	3
French, ML 103	3	French, ML 203	3
General Zoology, BI 104	4	General Zoology, BI 204	4
Physical Education, PE 110	0	Physical Education, PE 210	0
Orientation, ED 101	1		17

First Semester	Hrs.	Second Semester	Hrs.
Organic Chemistry, CH 325	5	Organic Chemistry, CH 425	5
General Physics, PH 324	4	General Physics, PH 424	4
English Literature, EN 333	3	English Literature, EN 433	3
U. S. Government, PS 313	3	Oral Communication, SP 423	3
*Early World History, HI 10	3 3	*Modern World History,	
**Physical Education, PE 3		HI 203	3
		**Physical Education, PE 410	0
	18		
			18

\*HI 103, 203 may be replaced by ML 303, 403 for students who wish to transfer to Mississippi State University.

\*\*PE 310, 410 may be dropped.

### **COURSE XIII**

### \*Nursing

#### First Year

First Semester English Composition, EN 113 General Chemistry, CH 114 College Algebra, MA 113 Foods and Nutrition, HE 103 General Psychology, PY 333 Physical Education, PE 110 Orientation, ED 101	Hrs. 3 4 3 3 0 1	Second Semester English Composition, EN 213 General Chemistry, CH 214 General Botany, BI 223 Foods and Nutrition, HE 403 General Psychology, PY 433 Physical Education, PE 210	4 3
	17		16

### Second Year

Elective  3 History Elective  Introduction to Sociology,  SO 303	rs. 4 3 3
Oral Communication, SP 423	3

\*This course is designed to help students gain some background for nursing. It is not designed for transfer toward a B.S. degree in nursing.

#### **COURSE XIV**

### \*Pre-Optometry

#### First Year

First Semester English Composition, EN 113 General Chemistry, CH 114 College Algebra, MA 113 General Zoology, BI 104 **Physical Education, PE 1 Orientation, ED 101	Hrs. 3 4 3 4 00 1	Second Semester  English Composition, EN 213  General Chemistry, CH 214  Trigonometry, MA 243  General Zoology, BI 204  **Physical Education, PE 200  Elective	3 4 4
	15	1	7

### Second Year

First Semester  General Physics, PH 324  General Psychology, PY 333  Early World History, HI 103  U. S. Government, PS 313  English Literature, EN 333	Ars. 4 3 3 3	Second Semester General Physics, PH 424 General Psychology, PY 433 Modern World History, HI 203 State and Local Government PS 423 English Literature, EN 433	Hrs. 4 3 3 , 3
	16		16

<sup>\*</sup>This course is designed for transfer to Southern College of Optometry Memphis, Tennessee.

\*\*P.E. is required but no credit toward Pre-Optometry requirements is allowed.

### COURSE XV

### Journalism

### First Year

First Semester English Composition, EN Early World History, HI French, ML 103 College Algebra, MA 113 General Zoology, BI 103	Hrs.  113 3 103 3 3 3 3 0	English Composition, Elivarian Modern World History, HI 203 French, ML 203 Hoolth PE 273	3
Physical Education Orientation, ED 101	1		15

First Semester	Hrs.	Second Semester Hrs.
English Literature, EN 333	3	English Literature, EN 433
French, ML 303	3	French, ML 403
General Psychology, PY 333	3	General Psychology, PY 433
U. S. Government, PS 313 Principles of Economics,	3	State & Local Government, PS 423
EC 313	3	Principles of Economics, EC 413 3 Oral Communication, SP 423
	15	
		18

### **COURSE XVI**

### Pre-Law

### First Year

Eng Fre Coll Ear U. S Phy	st Semester glish Composition, EN 113 nch, ML 103 ege Algebra, MA 113 ly World History, HI 103 Government, PS 313 sical Education, PE 100 ntation, ED 101	3 3 3 0 1	Second Semester English Composition, EN 213 French, ML 203 Trigonometry, MA 243 Modern World History, HI 203 State and Local Government, PS 423 Physical Education, PE 200	Hrs. 3 3 3 3 0
		16		15

First Semester English Literature, EN 333 French, ML 303 Science Elective Principles of Economics, EC 313 Electives	Hrs. 3 3 3 6 18	Second Semester English Literature, EN 433 French, ML 403 Science Elective Principles of Economics, EC 413 Electives	Hrs. 3 3 3
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### COURSE XVII

### **Business and Commerce**

### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3	English Composition, EN 213	3
Early World History, HI 103	3	Modern World History, HI 203	
Oral Communication, SP 423	3	College Algebra, MA 113	3
U. S. Government, PS 313	3	State and Local Government,	
Principles of Accounting,		PS 423	3
AC 103	3	Principles of Accounting,	
Physical Education, PE 100	0	AC 203	3
Orientation, ED 101	1	Physical Education, PE 200	0
	16		15

### Second Year

First Semester English Literature, EN 333 Principles of Economics, EC 313 General Psychology, PY 333 *Science Elective Business Law, BL 303	Hrs. 3 3 3 3 3	Second Semester  English Literature, EN 433  Principles of Economics,  EC 413  General Psychology, PY 433  *Science Elective  Cost Accounting, AC 413  Business Correspondence,	Hrs. 3 3 3 3
	15	OA 333	3
			10

\*Science elective must come from biology, chemistry, or physics.

### COURSE XVIII

### \*Secretarial

#### First Year

### Second Year

First Semester Hrs.	Second Semester	Hrs.
Early World History, HI 103 3 Principles of Economics, EC 313 Business Correspondence,	Modern World History, HI 203 Principles of Economics, EC 413	3
OA 333 Advanced Typewriting, OA 402 2	Office Machines, OA 443	3
English Literature, EN 333 3 General Psychology, PY 333 3	Shorthand for Secretaries, OA 413 English Literature, EN 433	3 3
17	Linguish Literature, EN 455	15

\*This curriculum is not designed for transfer to the University of Mississippi.

<sup>\*\*</sup>Students with no previous shorthand or typing must take OA 113 and OA 102. Students with one year of shorthand or typewriting cannot receive credit for OA 113 or OA 102. These courses may count toward a business certificate, however.

### **COURSE XIX**

### \*Business Education

#### First Year

First Semester	Hrs.	Second Semester Hrs.
English Composition, EN 113	3	English Composition, EN 213 3
Principles of Accounting,		Principles of Accounting,
AC 103	3	AC 203 3
General Psychology, PY 333	3	Health, PE 273 3
*Intermediate Typewriting,		Advanced Typewriting, OA 302 2
OA 202	2	Advanced Shorthand, OA 313 3
**Intermediate Shorthand,		Physical Education, PE 210 0
OA 213	3	Oral Communication, SP 423 3
Physical Education, PE 110	0	
Orientation, ED 101	1	17
	15	

First Semester H	rs.	Second Semester	Hrs.
	3	Modern World History, HI	203 3
Principles of Economics,		Principles of Economics,	
EC 313	3	EC 413	3
Advanced Typewriting, OA 402	2	Shorthand for Secretaries,	2
English Literature, EN 333	3	OA 413	3
Business Correspondence,		English Literature, EN 433	3
OA 333	3	General Botany, BI 223	2
General Zoology, BI 103	3		15
			10
	17		

<sup>\*</sup>This curriculum is not designed for transfer to the University of Mississippi.

<sup>\*\*</sup>Students with no previous shorthand or typewriting must take OA 113 and OA 102. Students with one year of shorthand or typewriting cannot receive credit for OA 113 or OA 102. This course may count toward a business certificate, however.

### COURSE XX

### \*Secretarial (One Year)

#### First Year

English Composition, EN 113 **Intermediate Shorthand, OA 213 **Intermediate Typewriting, OA 202 Office Machines, OA 443 or Business Correspondence, OA 333 ***Restricted Elective Physical Education, PE 110	1rs. 3 2	English Composition, EN 213  **Advanced Shorthand, OA 313  **Advanced Typewriting, OA 302 Office Machines, OA 443 or Business Correspondence, OA 333  ***Restricted Elective Office Procedures, OA 423	rs. 3 3 3 3 3 3
Orientation, ED 101	1	Physical Education, PE 211	0
	15		17

\*Designed for students who plan to work upon completion of the above. A certificate is awarded upon the satisfactory completion of this course. Students receiving certificates should be able to pass written examinations given by state and federal civil service boards for junior stenographic and clerical workers.

\*\*Students taking this course must make a C or above on each course designated by OA. They must average at least a C on all work taken to be eligible for a certificate.

OA 102 and OA 113 are acceptable for a certificate but the rule found in footnote to course XIX applies.

<sup>\*\*\*</sup>Electives must come from English, mathematics, history, social science, accounting, or science.

#### **COURSE XXI**

### \*Industrial Technology

#### First Year

First Semester	Hrs.	Second Semester H	Irs.
English Composition, EN 113	3	English Composition, EN 213	3
Engineering Drawing, DR 102	2 2	Engineering Drawing, DR 202	2
College Algebra, MA 113	3	Trigonometry, MA 243	3
Woodwork, IE 263	3	Advanced Woodwork, IE 363	3
General Chemistry, CH 114	4	General Chemistry, CH 214	4
Physical Education, PE 100	0	Physical Education, PE 200	0
Orientation, ED 101	1		
			15
	16		

#### Second Year

First Semester	Hrs.	Decoure Deriverse	lrs.
General Metals, IE 333	3	Forging and Welding, IE 433	3
Analytic Geometry, MA 153	3	Oral Communication, SP 423	3
General Physics, PH 324	4	General Physics, PH 424	4
Early World History, HI 103	3	Modern World History, HI 203	3
Principles of Economics,		U. S. Government, PS 313	3
EC 313	3		
Elective	1		16
	17		

<sup>\*</sup>Designed to transfer to Mississippi State University.

### **COURSE XXII**

### Industrial Education Industrial Arts

#### First Year

First Semester H	rs.	occord occasion	rs.
English Composition, EN 113	3	English Composition, EN 213	3
Engineering Drawing, DR 102	2	Engineering Drawing, DR 202	2
Woodwork, IE 263	3	Advanced Woodwork, IE 363	3
Physical Science Survey,		Physical Science Survey,	
PH 113	3	PH 213	3
Oral Communication, SP 423	3	General Botany, BI 223	3
Physical Education, PE 100	0	Physical Education, PE 200	0
Orientation, ED 101	1	U. S. Government, PS 313	3
			-

17

First Semester General Metals, IE 333 English Literature, EN 333 Early World History, HI 103 Principles of Economics, EC 313 Mathematics for Teachers, MA 133	Hrs. 3 3 3	Second Semester Forging and Welding, IE 433 English Literature, EN 433 Modern World History, HI 203 Principles of Economics, EC 413 Health, PE 273	Hrs. 3 3 3
General Psychology, PY 333	3		15
	18		

### **COURSE XXIII**

### **Home Economics**

### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113 Oral Communication, SP 423 Early World History, HI 103 General Zoology, BI 103 Foods and Nutrition, HE 103 Physical Education, PE 110	3 3 3	English Composition, EN 213 Health, PE 273 Modern World History, HI 203 College Algebra, MA 113 Textiles and Clothing, HE 233	3 3 3 3
Orientation, ED 101	0 1 ———————————————————————————————————	Physical Education, PE 210	15

First Semester English Literature, EN 333 General Psychology, PY 333 Principles of Economics, EC 313 General Chemistry, CH 114 Textiles and Clothing, HE 333	3 4 3	Second Semester  English Literature, EN 433 Introduction to Sociology, SO 303 Principles of Economics, EC 413 General Chemistry, CH 214 Foods and Nutrition, HE 403	Hrs. 3 3 4 3
	16	Elective	1

### **COURSE XXIV**

### **Elementary Education**

#### First Year

First Semester	Hrs.	Second Semester I	Hrs.
English Composition, EN 113	3	English Composition, EN 213	3
Early World History, HI 103	3	Modern World History, HI 203	3
Mathematics for Teachers,		U. S. Government, PS 313	3
MA 133	3	Oral Communication, SP 423	3
World Geography, GE 203	3	General Botany, BI 223	3
General Zoology, BI 103	3	Physical Education, PE 210	0
Physical Education, PE 110	0		
Orientation, ED 101	1		15
	-		
	16		

### Second Year

First Semester	Hrs.	Second Semester	Hrs.
U. S. History, HI 333	3	U. S. History, HI 433	3
English Literature, EN 333	3	English Literature, EN 433	3
Physical Science Survey,		Physical Science Survey,	
PH 113	3	PH 213	3
Health, PE 273	3	Music Appreciation, MU 113	
General Psychology, PY 333	3	or	
Principles of Economics,		Art Appreciation, AR 113	3
EC 313	3	Elective	3
	18		15

### **COURSE XXV**

### Secondary Education

### First Year

First Semester	Hrs.	Second Semester H	Irs.
English Composition, EN 1	13 3	English Composition, EN 213	3
Early World History, HI 10		Modern World History, HI 203	3
College Algebra, MA 113	3	World Geography, GE 203	3
Music Appreciation, MU 1	13	Oral Communication, SP 423	3
or		General Psychology, PY 433	3
Art Appreciation, AR 113	3	Physical Education	0
General Psychology, PY 333	3		
Physical Education	0		15
Orientation, ED 101	1		

First Semester  English Literature, EN 333  Physical Science Survey,  PH 113  General Zoology, BI 103  U. S. Government, PS 313  **Principles of Economics,  EC 313  Electives	Hrs. 3 3 3 3 3	Second Semester  English Literature, EN 433  Physical Science Survey,  PH 213  *General Botany, BI 223  Health, PE 273  Electives	Hrs. 3 3 3 3 15
	18		

<sup>\*</sup>PE majors take PE 183; others take BI 223.

### **COURSE XXVI**

### Mathematics or Science Teaching

### First Year

First Semester English Composition, EN 113 *College Algebra, MA 113 General Chemistry, CH 114 Oral Communication, SP 423 U. S. Government, PS 313 Physical Education Orientation, ED 101	Hrs. 3 4 3 0 1	Second Semester English Composition, EN 213 Trigonometry, MA 243 General Chemistry, CH 214 Music Appreciation, MU 113 or Art Appreciation, AR 113 Health, PE 273 Physical Education	Hrs. 3 3 4 3 0 16
			10

Analytic Geometry, MA 153 Differential Calculus, MA 163 General Zoology, BI 103 General Physics, PH 324 Early World History, HI 103	3	Second Semester Integral Calculus I, MA 273 English Literature, EN 433 General Botany, BI 223 General Physics, PH 424 Modern World History, HI 203	Hrs. 3 3 4 3
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<sup>\*\*</sup>History majors take HI 333, 433 instead of EC 313 and elective.

#### COURSE XXVII

### \*Engineering

#### First Year

First Semester	Hrs.	Second Semester	Hrs.
English Composition, EN 113	3	English Composition, EN 213	3
General Chemistry, CH 114	4	General Chemistry, CH 214	4
Analytic Geometry, MA 153	3	Integral Calculus I, MA 273	3
Differential Calculus, MA 163	3	Early World History, HI 103	3
Engineering Drawing DR 102	2	Descriptive Geometry, DR 413	3
Physical Education, PE 100	0	Physical Education, PE 200	0
Orientation, ED 101	1		
			16
	16		

### Second Year

### For Civil, Mechanical and Electrical Engineering(a)

First Semester	Hrs.	Second Semester	Hrs.
Integral Calculus II, MA 383	3	Differential Equations,	
General Physics, PH 324	4	MA 493	3
U. S. Government, PS 313	3	General Physics, PH 424	4
English Literature, EN 333	3	Modern World History, HI 203	3
General Psychology, PY 333	3	English Literature, EN 433	3
		U. S. History, HI 433	3
	16		
			16

\*This curriculum is designed for transfer to Mississippi State University.

Students who plan to attend other schools should schedule only those courses prescribed by the school of their choice.

Note: Requirements for entrance to the engineering school at Mississippi State University are: four units of English; four units of algebra, geometry, trigonometry or SMSG mathematics; two units of foreign languages; two units of science other than general science; two units of electives.

College algebra plus college trigonometry will substitute for one unit of senior mathematics.

Foreign languages—one semester of college foreign language will substitute for a deficiency of one high school unit. Excess units in social studies, natural science and mechanical drawing will be accepted in lieu of foreign languages.

A deficiency in English, social studies or science may be removed by taking a college course in that area, which is not listed as a required course in the engineering curriculum. One semester of the college course will satisfy a deficiency of one high school unit.

### COURSE XXVII(b)

### Engineering

## For Agricultural Engineering

### Second Year

T' + Competer	Hrs.	Second Semester	Hrs.
First Semester Integral Calculus II, MA 383 General Physics, PH 324 U. S. Govrnment, PS 313 Soils, AG 344 Animal Science, AG 404		Differential Equations, MA 49	3 3
	4	General Physics, PH 424	4
	3	General Botany, BI 223	3
	4	U. S. History, HI 433	3
	4	Plant Science, AG 303	3
		English Literature, EN 433, or	
	18	Agricultural Economics,	
		AG 353	3

19

### COURSE XXVII(c)

### Second Year

## For Chemical Engineering

Differential Equations, MA 493 General Physics, PH 424 Organic Chemistry, CH 425 English Literature, EN 433	rs. 3 4 5 3
	Differential Equations, MA 493 General Physics, PH 424 Organic Chemistry, CH 425

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#### **COURSE XXVIII**

# **Drafting Technology**

#### First Year

First Semester Fundamentals of Drafting, TDR 113 Principles of Economics, EC 313 English Composition, GEN 11 Technical Mathematics I, SMA 113	Hrs. 3 3 3 3	Second Semester  Descriptive Geometry,  TDR 223  Machine Drafting, TDR 235  Modern World History, HI 203  Technical Mathematics II,  SMA 223  Technical Report Writing,  GEN 223	Ars. 3 5 3 3
Industrial Organizations, GMG 133 Oral Communication, SP 423 Orientation, ED 101	3 3 1 —————————————————————————————————	GEN 223	17

### Second Year

First Semester Elec., Piping, Sheet Metal Drafting, TDR 345 Architectural Drafting, TDR 355 Technical Mathematics III, SMA 333 Surveying, SMA 342 Physics, SSC 324	Hrs. 5	Second Semester Structural Drafting, TDR Map & Typographical Drafting, TDR 474 Physics, SSC 424 Statics & Strength of Materials, SPR 213 Industrial Psychology, GPS 413	4 4 3
	19		19

This course is designed as a two-year terminal curriculum to prepare students for immediate employment.

### COURSE XXIX

# Building and Construction Technology

Construction Technology is concerned with the designing, supervision and construction of homes, commercial buildings, and other building projects. The course offers both creative and practical training. The student is taught to draw plans, design, and follow through with the construction details and methods.

Emphasis is placed on Architectural Technology, which offers such subjects as building specifications and codes, blueprint reading, building design, costs and estimates. Basic subjects such as physics, mathematics, English, human relations, small business management, general wood-

work, technical writing, and public speaking are included.

Students who complete this course are prepared to fill jobs in architectural and engineering offices, with building contractors, and with manufacturers of building materials. Some of the many jobs available to persons trained in this field include: architectural and engineering draftsmen, junior engineering, general contractor's assistant, manager or salesman for building materials and lumber companies, appraiser and inspector, and estimator.

#### First Year

First Semester	Hrs.	Second Semester Hi	rs.
English Composition, GEN 113	3	English Composition,	
Technical Mathematics I,		GEN 213	3
SMA 113	3	Contracts, Spec., TCN 253	3
Carpentry TCN 113	3	Construction Methods & Equip.,	
Fundamentals of Drafting,		TCN 163	3
TDR 113	3	Descriptive Geometry, TDR 223	3
Building Materials, TCN 133	3	Building Materials, TCN 143	3
Orientation, ED 101	1	Descriptive Geometry, TDR 223	3
	16		15

#### Second Year

First Semester Building Design, TCN 216 Technical Mathematics II, SMA 223 Elem. Surveying, SMA 342 Soc. Sci. Elective	Hrs. 6	Second Semester  Building Design, TCN 224  Technical Writing, GEN 223  Structural Drafting, TDR 465  Cost and Estimating, TCN 243  Commerce Elective	Hrs. 4 3 5 3 2
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# Vocational Education

In order to give area residents as complete an educational choice as possible, vocational education has been expanded to include Radio and Television Repair, Automotive Mechanics, Machine Shop, Refrigeration and Air-Conditioning, Welding, and Cosmetology. None of the courses are college level.

#### MACHINE SHOP

The objective of this course is to train students in the fundamental operations of machine tools and to equip them to enter production as efficiently trained machinists. Classroom work includes mechanical drawing, mathematical problems, and studies related to the various phases of machine shop work, laboratory work, or actual shop practice. It also consists of training in bench work, lathe work, milling machine operations, drill presses, metal planers, dole saws, instrument reading, tool making, etc. This course runs for 18 calendar months meeting six clock hours a day for five school days per week (30 hours per week).

#### **AUTOMOTIVE MECHANICS**

The many problems and techniques related to the various types of automotive equipment and tools are stressed through lecture and recitation. Actual shop work is required. This work gives students much practical experience in overhauling engines, transmissions, clutches, rear ends; replacing and adjusting brakes; and other practices that are encountered in the repairing of various makes and models of automotive equipment. This course runs for 18 calendar months, meeting six hours a day for five school days per week (30 hours a week).

#### WELDING

The objective of this course is to train students in the fundamental operations of welding equipment. This course gives the students much practical experience in electric arc welding, oxygen-octylene welding, inert gas and semi-automatic welding. The student will also gain experience in types of machines, rods, metallurgy, weldability, and settings.

This course runs for 9 months, meeting six hours per day, five days per week.

### REFRIGERATION AND AIR-CONDITIONING

The objective of this course is to train students in the principles of refrigeration and refrigerant chemicals; types of refrigeration units

and systems, compressors, evaporators, and condensers; the overhaul and repair of compressors, controls, valves, motors, seals, thermostats; refrigerator troubles and symptoms; service tests and methods; installation methods; safety rules and equipment; principles, operation, and care of air-conditioning units and systems, room coolers, and central plants; laboratory tests on air-conditioning systems; ducts, air-flow, air filtering, washing, dehumidifying and cooling; heat loss and heat load calculations; duct design and air duct distribution systems. This course runs 18 calendar months, meeting six clock hours a day, five days a week. (30 hours per week.) The class is limited to 20 students.

#### COURSE TE 214

# COSMETOLOGY Mrs. Thomas

This course is designed for beauticians and hair dressers. It is approved by the State Board of Education and the Mississippi Board of Cosmetology. A student who satisfactorily completes this course will be issued a certificate which entitles her to take the State Cosmetology Board examination for a license to become a beauty operator in the State of Mississippi.

To be accepted as a student in cosmetology, the following must be completed:

- 1. Two health certificates must be filled out and signed by your doctor within one month of your entrance.
- 2. Provide proof of tenth grade educational attainment. (This is normally done by having a transcript of your high school record sent to the registrar at Holmes Junior College.)
- 3. An interview with your teacher must be completed.
- 4. Deposit \$25.00 with the business office at Holmes Junior College. This deposit is non-refundable.

The class is limited to 20 students. Admissions are processed in order of receipt of the \$25.00 deposit and fulfillment of other admission requirements.

# COURSE TE 320

### RADIO Mr. Moore

The duration of this course is nine months.

Radio maintenance and construction, electricity of radio, and design

and operation of equipment must be mastered by the student. The student must learn the use of all tools and necessary equipment for construction work in receiver and transmitter operation. Circuit design and operation of equipment is required of each student.

#### **COURSE TE 430**

# TELEVISION AND F. M. Mr. Moore

The duration of this course is nine months.

The course is designed to give the student experience in the construction and operation of television and F.M. receiver by building and operating the equipment. Television and F.M. antennae will be constructed. Maintenance and repair of television and F.M. receivers, the proper use of tools and necessary equipment, and television theory are required for this course.

# Description of Courses

# ACCOUNTING Mrs. Gibson

AC 103-203-Accounting Principles.

Two lectures. Two hours laboratory. Three credits each semester. Theory of debit and credit; business papers; books of original entry; ledgers; working papers; financial statements; sole proprietorship; partnerships and simple corporation transactions.

### AC 413—Cost Accounting.

Three lectures. Three credits.

Cost accounting principles and techniques as applied to both job order and continuous process types of industry. The determination of unit costs and the preparation of costs reports are emphasized throughout the course.

#### ART

#### Mr. Johnson

### AR 113-Art Appreciation.

Three lectures. Three credits.

An introduction to the visual arts with emphasis on aesthetic qualities of creative works and their relationships with various art periods in history.

### AR 123-223—Drawing.

One hour lecture. Four hours laboratory each semester. Three credits. An individually creative approach to drawing, planned to meet the needs of students with or without previous training. Drawing of the human figure emphasized for art majors and minors.

# AR 323-423-Advanced Drawing.

One hour lecture. Four hours laboratory each semester. Three credits. A continuation of drawing 223 with emphasis placed on complex problems dealing with a deeper analysis of the essential object matter.

# AR 103-General Art and Design.

Three lectures. Three credits.

Space, line, form, composition; application to landscape drawing and painting; the human figure; introduction to the use of color; basic lettering form and use; poster design; greeting cards.

# AR 203-General Art and Design.

Three lectures. Three credits.

Color theory and application; principles of design applied to specific problems, various media employed.

#### AR 313-413—Art History.

Three lectures. Three credits.

History of the arts of ancient civilizations through the paintings of the Renaissance in Italy. Later art of Europe; French Impressionism and more recent art; American painting, sculpture, and architecture. No prerequisites or special order.

#### AGRICULTURE Mr. Thomas, Mr. Almond

#### AG 223-Farm Forestry.

Two lectures. Two hours laboratory. Three credits.

A general course in forestry, special emphasis being placed upon objectives and needs for forestry, conservation of forests, methods of establishing forests, management of forests and soil erosion by reforestation.

# AG 303-Plant Science. (Prerequisites BI 223; CH 114.)

Two lectures. Two hours laboratory. Three credits.

Scientific principles as the basis for practices in producing, handling, processing, marketing, and utilizing agronomic and horticultural plants.

### AG 313—Principles of Livestock Feeding.

Two lectures. Two hours laboratory. Three credits.

Basic principles of feeding farm animals; feeding standards; composition and nutritive value of feeds; compilation of rations; preparation of ration and interpretation of feeding tests.

#### AG 344—Soils.

Three lectures. Two hours laboratory. Four credits.

This course is designed to give the student a basic concept of general soils, including soil genesis, classification, and the physical, chemical, and biological aspects of soils. Soil management, including fertilization, liming, and terracing will also be stressed.

# AG 353—Principles of Agricultural Economics.

Three lectures. Three credits.

A general course on the basic principles of economics and their application to agriculture. Special emphasis will be placed on economic problems of agriculture. American economic development, production, and business organizations: the law of diminishing returns, some principles of trade and production, farm organization, exchange value and the market price, cost of production, price level movement, and the farm problem and the government

AG 404-Animal Science.

Three lectures. Two hours laboratory. Four credits. Fundamental principles and practical application of livestock, dairy, and poultry science.

### BIOLOGY

Mr. Miley

BI 103-General Zoology.

Two lectures. Two hours laboratory. Three credits.

A survey of the animal kingdom designed to give some acquaintance with the basic biological principles and facts underlying all life. Representatives of all phyla are studied from the standpoint of morphology, physiology, ecology, etc.

BI 104—General Zoology.

Two lectures. Four hours laboratory. Four credits. Same as BI 103 except for laboratory.

BI 203-General Zoology.

Two lectures. Two hours laboratory. Three credits. A study of the structure, habits, development, function, distribution, heredity, and economic importance of chordate animals.

BI 204—General Zoology.

Two lectures. Four hours laboratory. Four credits. Same as BI 203 except for laboratory.

BI 223—General Botany.

Two lectures. Two hours laboratory. Three credits.

A survey course in the fundamental facts and principles of plant life, with particular reference to form, structure, physiology, and reproduction in representatives of the group of higher plants.

### **BUSINESS LAW**

Mr. Allen

BL 303-Business Law.

Three lectures. Three credits.

Normal business relations from a legal standpoint with emphasis on the laws of contracts, agency, negotiable instruments, and employeremployee relations.

# CHEMISTRY

Mr. Sanders

CH 114-214—General Chemistry.

Three lectures. Three hours laboratory. Four credits each semester. An introductory course dealing with such fundamentals as atomic structure, chemical formulas, equations, reactions, ionization, quantitative measurements and calculation, and the preparation and properties of inorganic substances.

#### CH 325-425-Organic Chemistry.

Three lectures. Six hours laboratory. Five credits each semester. Prerequisites CH 114 and CH 214. A study of the aliphatic and aromatic compounds based on the structure theory. Special attention is given to the nomenclature, preparation, reaction, properties, and uses of typical compounds of the various organic groups.

### DRAWING Mr. Hambrick

### DR 102-Engineering Drawing.

Six hours laboratory. Two credits.

The use of instruments; geometric construction; orthographic projections; dimensions; lettering; instruction and practice in technical sketching and sketching from models.

### DR 202-Engineering Drawing.

Six hours laboratory. Two credits.

Prerequisite DR 102. Continuation of DR 102. This course includes sections, conventions, fasteners, pictorial drawings, charts and graphs of detail and assemblies, and a project involving all phases of draftsmanship.

## DR 413-Descriptive Geometry.

Two lectures. Three hours laboratory. Three credits.

Prerequisite DR 102. Theory of drafting; exercises in engineering problems; discipline in developing the ability to visualize points, lines, and surfaces under various conditions; practical applications.

#### **ECONOMICS**

# Mr. Thomas, Mr. Sudduth

## EC 313-Principles of Economics.

Three lectures. Three credits.

Economic system of the United States; consumers, producers, banks, government, labor unions; contrasts with communism.

# EC 413-Principles of Economics.

Three lectures. Three credits.

Forces of demand and supply in markets for goods, capital, labor, and land.

#### **ENGLISH**

# Mrs. Hollingsworth, Mrs. Bunch, Mrs. Almond, Mrs. Terry

# EN 113-213-English Composition.

Three lectures. One hour laboratory. Three credits.

This course consists of a review of grammar and usage, study of fundamentals of composition, and analysis of selected prose. Methods of study and the use of the library are stressed. Second semester's work is a continuation of the first with preparation of a research paper included.

## EN 333-433—A Survey of English Literature.

Three lectures. Three credits.

The work of the first semester in this course is a survey of English literature from the beginnings through the eighteenth century. Emphasis is placed primarily on the literature itself with some attention given to biographical studies, criticism, and historical backgrounds. The course for the second semester begins with the English Romantic Movement and continues to the present. (Prerequisites EN 113, 213 or equivalent.)

#### **GEOGRAPHY**

#### Mrs. Davis

# GE 203-World Geography.

Three lectures. Three credits.

A regional survey of the basic geographic features and major new developments of the nations of the world.

# HOME ECONOMICS Miss Carithers

# HE 103-Foods and Nutrition.

Two lectures. Two hours laboratory. Three credits.

This course is a study of the fundamental principles involved in the selection, preparation, and service of foods for simple family meals. It stresses the importance of balanced diets.

# HE 403-Foods and Nutrition.

Two lectures. Two hours laboratory. Three credits.

Continuation of HE 103. Emphasis on more advanced foods and scientific principles of cookery.

# HE 233—Clothing Selection.

Two lectures. Two hours laboratory. Three credits.

This couse is a study of cloth:

This couse is a study of clothing selection for the individual with

emphasis on the application of art principles. Simple garments are constructed with stress on basic sewing techniques.

#### HE 333-Textiles and Clothing.

Two lectures. Two hours laboratory. Three credits.

A study of textile fibers, weaves, and finishes as they relate to consumer selection, use, and care. A tailored garment is constructed.

#### **HISTORY**

#### Mr. Bunch, Mr. Butler

#### HI 103-Early World Civilization.

Three lectures. Three credits.

This course is intended as a survey of world civilization from prehistoric times to the discovery of America. The main purpose will be to study the trends in the history of the world with particular emphasis on their relation to present day living. The object of the course is to study the political, social, economic, and religious thought of the times, together with the wars and science and art of those times.

#### HI 203-Modern World Civilization.

Three lectures. Three credits.

This course is a continuation of HI 103. One-half of the work will be devoted to the twentieth century with its two great world wars. The same approach will be used as in HI 103.

# HI 333-433-Early and Modern U.S. History.

Three lectures. Three credits.

A survey of U.S. History through the Civil War in HI 333 and from the Civil War to the present in HI 433.

# INDUSTRIAL EDUCATION Mr. Thorne, Mr. Hambrick

#### IE 263-Woodwork.

Six hours laboratory. Three credits.

Knowledge, appreciation, and skill in the use of hand tools, wood joints, finishes, fasteners, and job planning.

#### IE 333-General Metals.

Six hours laboratory. Three credits.

Design in metal; new materials; jigs; machine processes and metal finishes; construction of metal projects.

#### IE 363-Advanced Woodwork.

Six hours laboratory. Three credits.

Prerequisite IE 263. Mill practices and techniques; machine and tool operation; job planning and design.

IE 433-Forging and Welding.

Six hours laboratory. Three credits.

Practice in hand forging; annealing, hardening, and tempering of tool steel; gas and electric welding.

# MATHEMATICS Mrs. Jacob, Mr. McKibben

# MA 113-College Algebra.

Three lectures. Three credits.

Review of fundamentals, linear and quadratic equations, simultaneous equations, theory of equations, probability, and partial fractions.

# MA 153-Analytic Geometry.

Three lectures. Three credits.

A study of the straight line, circle, parabola, ellipse, and hyperbola, taking up translations and rotation, polar co-ordinates, higher plane curves and normals.

### MA 163—Differential Calculus.

Three lectures. Three credits.

The derivative; differentiation; maxima and minima; geometric applications; rates of change; and partial differentiation.

# MA 243—Trigonometry.

Three lectures. Three credits.

Trigonometric functions; solutions of right and oblique triangle; identities; inverse functions; graphs of functions; and complex numbers.

# MA 273—Integral Calculus I.

Three lectures. Three credits.

The definite integral; formal integration; application to areas, volumes, and moments.

# MA 383—Integral Calculus II.

Three lectures. Three credits.

Multiple integrals; approximation of integrals; series; Taylor's Theorem; and application to practical problems.

# MA 493—Differential Equations.

Three lectures. Three credits.

Solution of first and higher order differential equations; existence

theorems; solution by series; and application to problems in geometry, physics, and chemistry.

### MODERN LANGUAGE Mrs. Owen

#### ML 103-203-Elementary French.

Three lectures. Three credits.

Elementary grammar, composition, dictation, translation, reading, and conversation.

#### ML 303-403-Intermediate French.

Three lectures. Three credits.

A thorough review of French grammar; vocabulary building with particular attention to the mastery of common idioms; dictation; conversation; extensive reading.

#### MUSIC

#### Mr. Carroll, Mrs. Lorance, Mr. Hollingsworth

#### MU 104-204-Music Theory.

Three hours lecture. Two hours laboratory. Four credits each semester. Recognition and part writing. Diatonic intervals, major and minor triads, rhythmic and melodic patterns. Correlated keyboard harmony and dictation. Sight singing in bass and treble clefs.

#### MU 112-212—Survey of Music Literature.

Two lectures. Two credits each semester. A listening course to give the student a better understanding of the music through the ages. It offers the non-music major as well as the music major an opportunity to explore music as an art.

#### MU 304-404—Music Theory.

Three hours lecture. Two hours laboratory. Four credits each semester. A continuation of MU 104, 204. Advanced training in harmonic and rhythmic ear training, sight singing, part writing, and keyboard harmony. Analysis and creative work; seventh, ninth, thirteenth and altered chords.

### MU 113-Music Appreciation.

Three lectures. Three credits.

A cultural course to develop an understanding and appreciation of various musical forms and the literature of music. Attendance at all recitals is mandatory.

### MU 322-422-Music History.

Two hours lecture. Two credits each semester.

Music of primitive nations; rise and developments of liturgy; the Polyphonic Age; the rise of opera and oratoria; the periods of Bach and Handel, Haydn, and Mozart; advent of Beethoven; American musical development.

#### MU 151, 251, 351, 451—Band.

Five hours laboratory. One credit.

#### PIANO Mrs. Lorance

#### PI 103-203-Freshman Piano.

Three credits each semester.

All major and minor scales and arpeggios; Bach two-part inventions; Czerny Opus 299; easier Haydn, Mozart, and Beethoven sonatas; other compositions of romantic and modern composers. Practice required: two hours per day.

#### PI 121, 221, 321, 421-Class Piano.

Two hours laboratory. One credit each semester. Class study of piano techniques.

#### PI 142-242-Freshman Piano.

Two credits each semester.

This is a course offered for those who desire to study piano without securing a major in it. Work will be assigned which will meet the particular needs of each pupil. Practice required: six hours per week.

# PI 303-403-Sophomore Piano.

Three credits each semester.

Major and minor scales in thirds, sixths, and tenths; arpeggios, Czerny Opus 740; Bach three-part inventions; preludes and fugues; sonatas of Mozart and Beethoven; compositions representative of romantic and modern composers. Practice required: two hours per day.

# PI 342-442-Sophomore Piano.

Two hours credit each semester.
A continuation of PI 142 and PI 242.

# VOICE Mr. Hollingsworth

# VO 103-203-Freshman Voice.

Three credits each semester. Two half-hour lessons a week. Foundation building; vowels and consonants, their character, treatment and relation to vocal tone; exercises for flexibility of the muscles of articulation; mechanism of speed; and science of tone production. Simple songs.

#### VO 111, 211, 311, 411—Glee Club.

One credit each semester.

Meets four times a week throughout the year.

#### VO 121-221-Class Voice.

One credit each semester.

Two hours a week throughout the year.

# VO 131, 231, 331, 431—Voice for Students Not Majoring in Voice.

One credit each semester.

#### VO 303-403-Sophomore Voice.

Three credits each semester. Two half-hour lessons a week throughout the year.

Breathing exercises; rhythms; purity of vowels and sound and enunciation studies; phrasing; vocalize Marenesi, Concone, etc.; English, Italian, and French songs, both classical and modern.

# INSTRUMENTATION

Mr. Carroll

# IN 102, 202, 302, 402-Woodwind.

Two credits each semester.

Instruction and practice on instrument.

### IN 112, 212, 312, 412—Brass.

Two credits each semester.

Instruction and practice on instrument.

# IN 132, 232, 332, 432-Strings.

Two credits each semester.

Instruction and practice on major instrument.

# IN 142, 242, 342, 442-Percussion.

Two credits each semester.

Instruction and practice on major instrument.

## OFFICE ADMINISTRATION

Miss Adams, Mrs. Branch, Mrs. Wilson

# OA 102-Elementary Typewriting.

Three lectures. Two credits.

Mechanism and care of the typewriter; its operation; keyboard drills to gain speed and accuracy; introduction to letter forms. Students with a year of high school typewriting cannot receive credit for this course.

# OA 113-Elementary Shorthand.

Three lectures. Three credits.

The theory and practice of Gregg and Simplified Shorthand. The principles are applied by reading and writing shorthand with a limited amount of dictation and transcription from shorthand notes. Students with a year of high school shorthand cannot receive credit for this course.

# OA 202-Intermediate Typewriting.

Three lectures. Two credits.

Advanced drills for speed and accuracy; letter forms; telegrams and other business forms; manuscript typewriting.

#### OA 213-Intermediate Shorthand.

Three lectures. Three credits. A continuation of OA 113.

#### OA 302-Advanced Typewriting.

Three lectures: Two credits. A continuation of OA 202.

#### OA 313-Advanced Shorthand.

Three lectures. Three credits.

The aim of this course is to increase accuracy and speed of transcription with emphasis on mailability of letters.

# OA 333-Business Correspondence.

Three lectures. Three credits.

Main emphasis is on business letter writing. Correctness of composition, choice of words, psychological approach, arrangement of materials and correspondence methods are included. Actual office problems are presented, solved by the students, and completed in typewritten forms. Speed and accuracy are stressed.

# OA 402-Advanced Typewriting.

Three lectures. Two credits.

Actual office problems are presented, solved by the students, and completed in typewritten forms. Speed and accuracy are stressed.

# OA 413-Shorthand for Secretaries.

Three lectures. Three credits.

The continuation of OA 313. A minimum of 100 words per minute should be reached on new material and 120 words per minute on old material.

# OA 423-Office Procedures.

Three lectures. Three credits.

Principles, procedures, and systems of filing. Operation of duplicators, transcribing machines, and electric typewriters.

#### OA 433-Office Machines.

Three lectures. Three credits.

Finger technique and speed in the operation of key-driven calculators, full keyboard adding-listing machines, and crank driven calculators. Other machines will be introduced also.

#### PHYSICAL EDUCATION

Mr. McGraw, Mr. Gibson, Mr. Hill, Miss Thomas

# PE 100, 200, 300, 400-Physical Development.

Two hours laboratory. No credit.

These courses include varied exercises—such as volleyball, basket-ball, tennis, and calisthenics. Two semesters of physical education are required.

# PE 110, 210, 310, 410-Physical Education for Girls.

Two hours laboratory. No credit.

These courses include indoor and outdoor exercises. Two semesters of physical education are required.

# PE 183—History and Principles of Physical Education.

Three lectures. Three credits.

An interpretation of aims and objectives of physical education based on the finding of science.

#### PE 273—Health.

Three lectures. Three credits.

This course is designed to meet the needs of the students just starting on a college career. Anatomy and physiology are discussed; but the emphasis is placed upon hygiene of rest, study, recreation, habit, exercise, and extra-curricular activities.

#### PHYSICS Mr. Drake

## PH 113-Physical Science Survey.

Three credits. Three lectures.

Designed for the non-technical student. A survey of the fundamental laws of physics and astronomy.

## PH 213-Physical Science Survey.

Three lectures. Three credits.

Designed for the non-technical student. A survey of the fundamental laws of chemistry, meteorology, and geology.

# PH 324-General Physics.

Three lectures, one hour drill. Two hours laboratory. Four credits. Fundamental laws of mechanics, heat and sound.

PH 424—General Physics.

Three lectures, one hour drill. Two hours laboratory. Four credits. Fundamental laws of electricity and optics.

# POLITICAL SCIENCE Mr. Bunch, Mr. Sudduth

#### PS 313-Government of the United States.

Three lectures. Three credits.

This course consists of a survey of the principles and practices of American government as exemplified more particularly in the national field. Attention is given to the trends in the state and local government.

#### PS 423-American and Local Government.

Three lectures. Three credits.

This course outlines the organization and problems of state government in the United States. The different forms of local government are discussed as parts of the state government organization. Specific application to conditions existing in Mississippi will be made.

#### **PSYCHOLOGY**

# Mr. Sudduth, Mr. Martin

# PY 101-Improvement of Study.

Three hours laboratory. One credit.

Improvement in study habits with an emphasis on increasing reading speed and comprehension.

# PY 333, 433-General Psychology.

Three lectures. Three credits each semester.

Introduction, individual development, motivation, emotion, motor function, sensory and neural functions, intelligence, learning, perceiving, thinking, social behavior, and personality.

# SOCIOLOGY

# Mr. Sudduth

# SO 303-Introduction to Sociology.

Three lectures. Three credits.

The nature and development of culture; social aspects of personality; analysis of community life; population trends; social classes; institutional processes and organizations; cultural change.

#### **SPEECH**

#### Miss Bostwick

#### SP 423—Oral Communication.

Three lectures. Three credits.

Correct and effective English; correct pronunciation and enunciation; breath control; study and practice in making speeches for all occasions, major emphasis on organization of material; and practice in speaking before the group.

#### TECHNICAL EDUCATION

Mr. Thorne, Mr. Terry

### TCN 113-Fundamentals of Carpentry.

Three credits.

A course designed to familiarize the student with the fundamentals of carpentry, principles involved in a typical structure, and their applications and solutions.

#### TCN 133—Building Materials.

Three credits.

A course designed to familiarize the student with the physical properties of the materials generally used in the erection of structures, with brief description of their manufacture.

### TCN 253—Contracts and Specifications.

Three credits.

The general laws of contracts, agencies, sales agreements, and engineering specifications as incorporated into contracts: the business and legal phases of engineering.

### TCN 163—Construction Methods and Equipment.

Three credits.

The selection of materials, equipment, problems of electrical and water supply. A consideration of problems in construction that will familiarize the student with requirements pertaining to specific solutions in these areas.

#### TCN 216—Building Design.

Six credits.

This subject includes working drawings and details of the actual construction of a model of a small house. It also includes architectural design, working and structural drawings of more complex structures. Structural computations are required.

# TCN 224-Building Design.

Four credits.

A continuation of TCN 216. More complex structures are studied and a small model is required.

# TCN 243-Cost and Estimating.

Three credits.

Preparation of material and labor quantity surveys from actual working drawings and specifications.

### TDR 113-Fundamentals of Drafting.

One lecture. Four hours of laboratory. Three credits.

A basic course covering areas common to all drafting, with special emphasis on proper technique and early habit formation.

#### TDR 223—Descriptive Geometry.

One lecture. Four hours of laboratory. Three credits .

Theory and problems designed to develop the ability to visualize points, lines, and surfaces in space, to relate them to each other, and to apply these relationships in the solution of drafting problems.

### TDR 235-Machine Drafting.

Two lectures. Six hours laboratory. Five credits.

Emphasizes methods, techniques and procedures in presenting screws, bolts, rivets, springs, thread types, symbols for welding, materials, finish and heat treatment notation, working order preparation, routing, and other drafting room procedures.

# TDR 345—Electrical - Piping - Sheet Metal Drafting.

Two lectures. Six hours laboratory. Five credits.

An advanced course in drafting in which technique and knowledge are employed in the planning of mechanical and electrical objects. Efficient use of all common types of applicable handbooks, code books, and other standard references are an integral part of this phase of drafting.

# TDR 355-Architectural Drafting.

Two lectures. Six hours of laboratory. Five credits.

Presentation and application of architectural drafting room standards

# TDR 465-Structural Drafting.

Two lectures. Six hours of laboratory. Five credits.

Structural section, terms and conventional abbreviations and symbols used by structural fabricators and erectors are studied. Knowledge is gained in the use of the A.I.S.C. Handbook, the tables of squares and logarithms, and trigonometric functions. Problems are studied that involve structural designing and drawing of beams, columns, connections, trusses and bracing.

# TDR 474-Map and Topographic Drawing.

One lecture. Six hours of laboratory. Four credits.

Selected drafting techniques are applied to the problem of making maps, traverses, plot plans, plan and profile drawing using maps, field survey data, aerial photographs, and related references, materials including symbols, notations, and other applicable standardized code materials.

### GMG 113-Industrial Organizations and Institutions.

Three lectures. Three credits.

Theory and problems designed to develop a basic understanding of factory planning and plant layout.

#### GEN 113, 213-

Three lectures. Three credits each semester.

These courses are the same as EN 113 and EN 213 except that admission to these classes is limited to technical students only.

### GEN 233-Technical Report Writing.

Three lectures. Three credits.

The study of fundamentals of technical writing style and mechanics with practice in preparing reports of the various types most likely to be used by technicians.

### GPS 413—Industrial Psychology.

Three lectures. Three credits.

Significance of individual differences in industry; instruments and techniques of selecting and placing personnel; motivating, training, and supervising the workers; nature and control of fatigue; psychological aspects of labor relations; morale and attitude measurement; industrial counseling.

# SMA 113—Technical Mathematics I (Algebra)

Three lectures. Three credits.

Broad coverage of the most widely accepted areas of college level algebra with special applications for technicians.

# SMA 223—Technical Mathematics II (Trigonometry)

Three lectures. Three credits.

Broad coverage of the most widely accepted areas of college trigonometry with special applications for the technicians. Base common to slide rule and logarithm is examined.

# SMA 333—Technical Mathematics III (Analytical Geometry and Calculus).

Three lectures. Three credits.

Basic analytical geometry and calculus, including limits, derivations, and integrations; mechanics of La Place operated calculus as related

to the study control circuits; problem assignments illustrating applications; oscillascope demonstrations showing mathematical interpretations of electric waveforms; differentiation and integration to provide an understanding of expressions frequently encountered in technical literature.

# SMA 342-Surveying.

Four hours of laboratory. Two credits.

A familiarization laboratory designed to develop in the drafting student the ability to take surveyor's notes and convert them into finished drawings. It includes basic principles of geometry, theory, and use of instruments, mathematical calculators, and the control and reduction of errors.

# SPR 213-Statics and Strength of Materials.

Two lectures. Two hours of laboratory. Three credits.

An introductory course into the field of structural design, consisting of a study of statics and strength of materials. Emphasis is given to elementary analysis of forces in simple structures, and a study of the properties of such materials as steel, wood, and concrete; and the design of beams, columns, and shafts with these materials.

# SSC 324—Physics (Mechanics, Heat and Sound).

Three lectures. Three hours of laboratory. Four credits. Fundamental laws of mechanics, heat and sound with technical applications.

# SSC 424—Physics (Electricity and Optics).

Three lectures. Three hours of laboratory. Four credits. Fundamental laws of electricity, magnetism and optics with technical applications.

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